TELEFUNKEN SERVICE

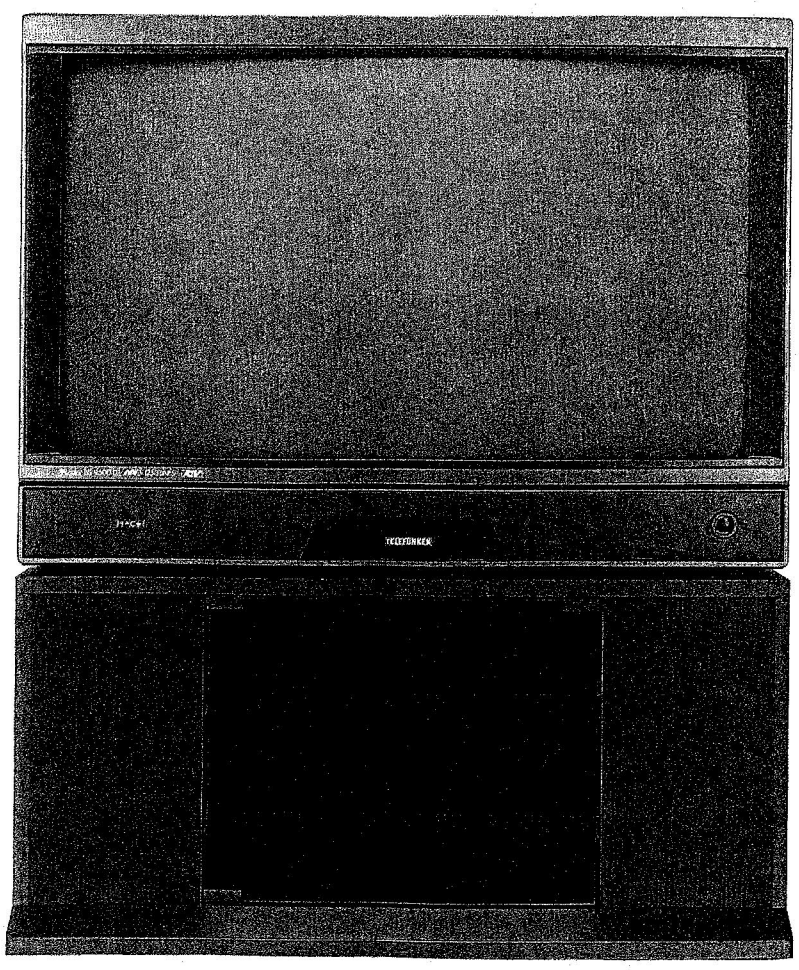
FERNSEHEN
TELEVISION
TÉLÉVISION

Bestell-Nr. 319 137 144

Chassis 620 (High Scan)

Stromlaufpläne

HIGH SCAN



INHALTSVERZEICHNIS

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PS HS 1001 (2/2) – Ton-Endstufe 5–6

MOB HS 1101 (1/2) – Netzteil 32 kHz, Ablenkung 7–9

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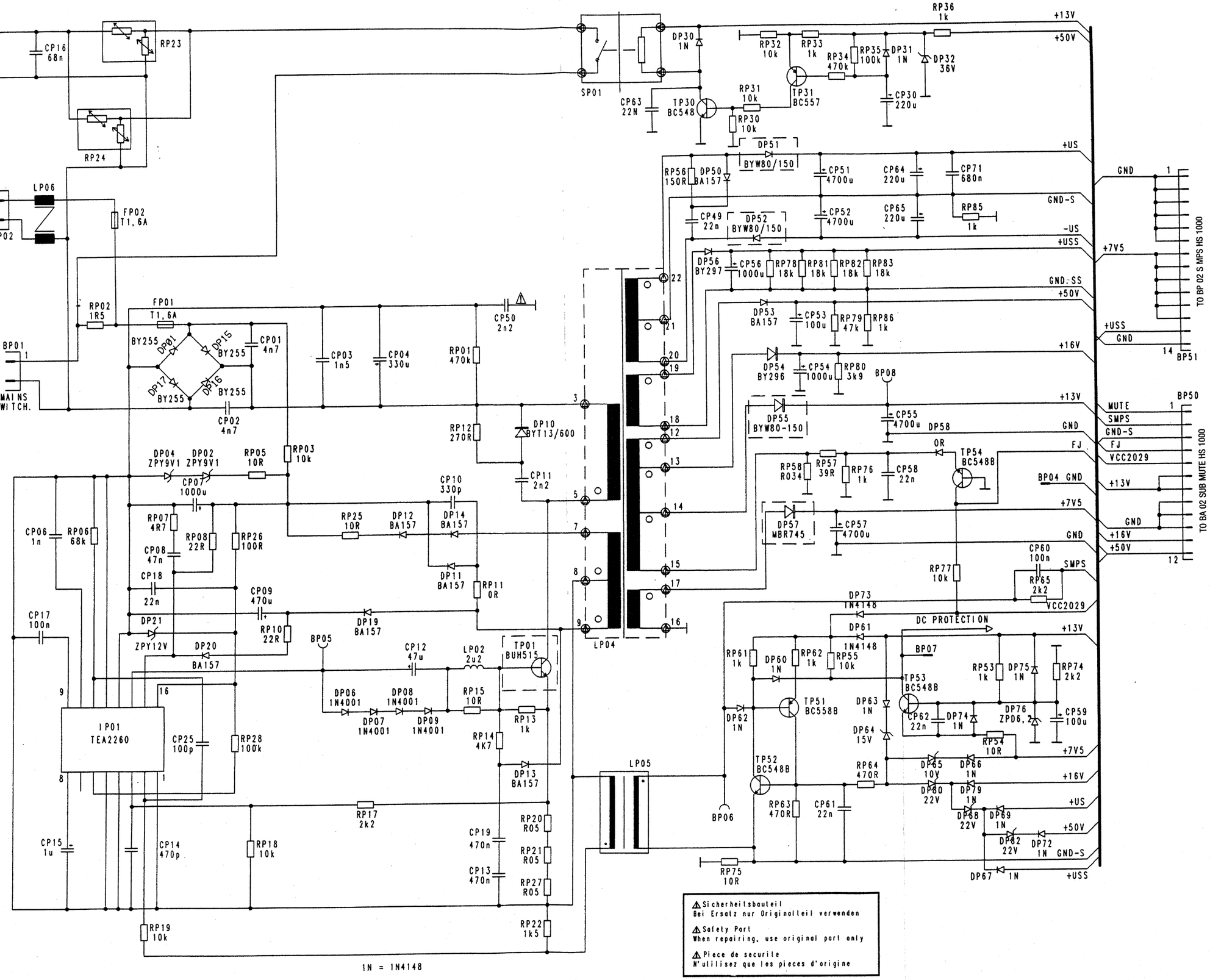
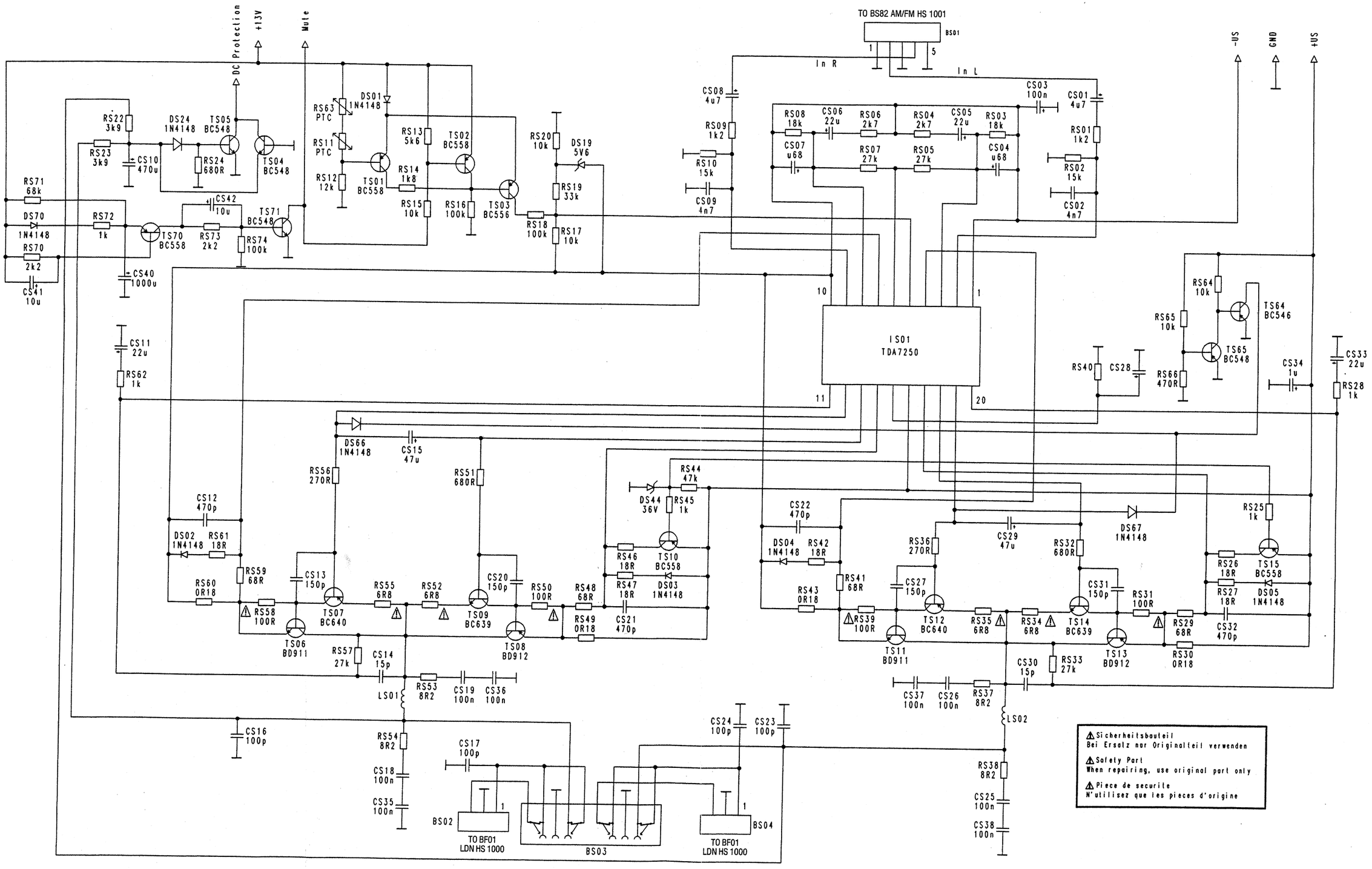
LEGENDE

BSVM: Beam Speed Velocity Modulator
CHV : Chroma Video Baustein
CRT : Bildrohrplatte
CVT : Control und Text Board
DFB : Dynamic Focus Board
FEB : Feature Board
MOB : Monitor Board
PSB : Power Supply Board
SCI : Scart Interface
SPMB: Signal Processing Main Board

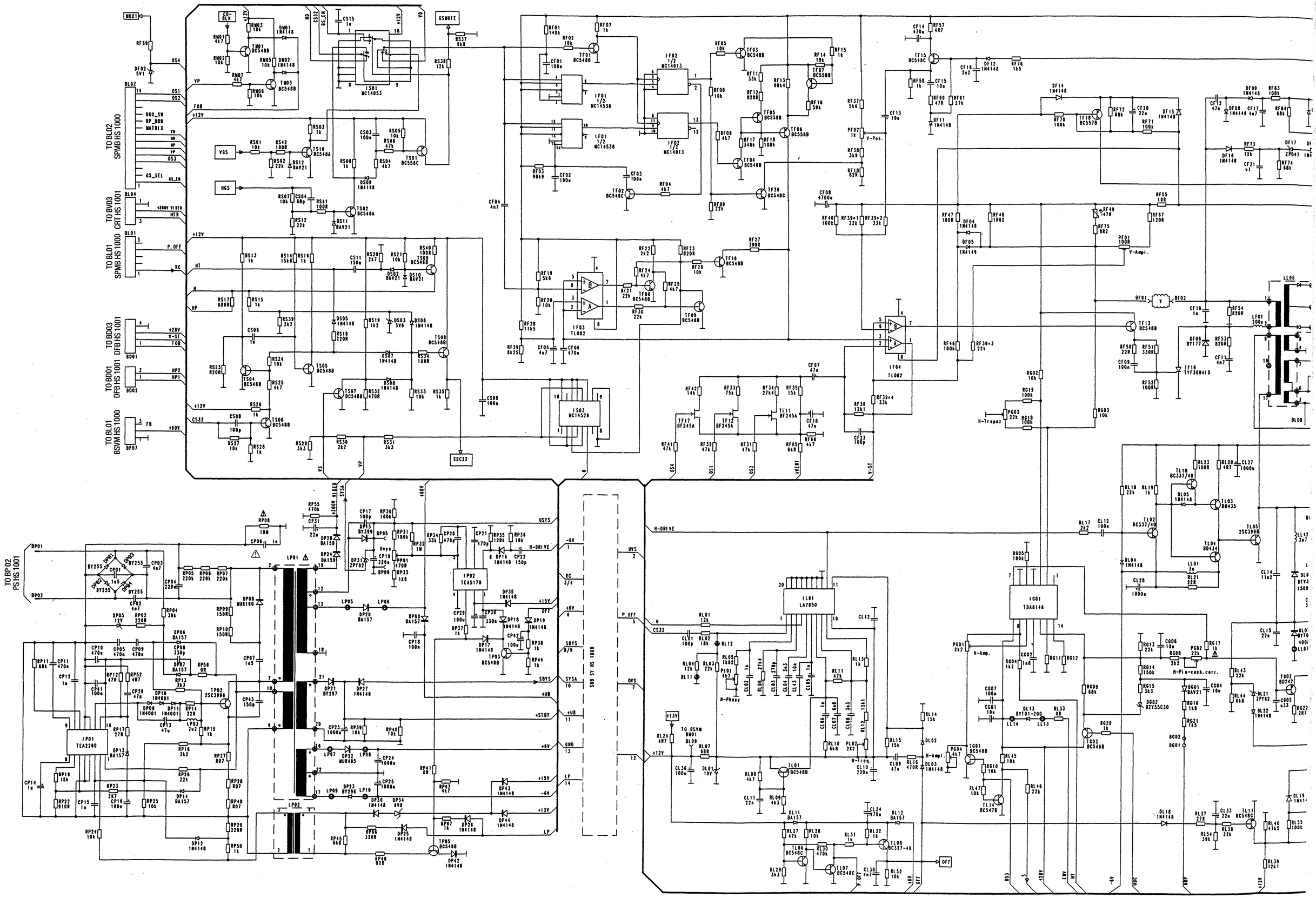
PS HS 1001 (1/2)


DEGAUSSING
BP03
CP16 68n
RP23
RP24
~ 220V
BF02
LF02
CF02 100n
LF01
CF01 100n
RF01 470k
FF01 T5A
BF01
~ 220V
TO BP 01/02 MOB HS 1101
LP06
BP02
FP02 T1, 6A
RP02 1R5
FP01 T1, 6A
BP01
~ 220V
MAINS SWITCH.
BY255 DP01
DP15 BY255
DP17 BY255
DP16 BY255
CP01 4n7
CP02 4n7
CP03 1n5
CP04 330u
CP50 2n2
RP01 470k
RP12 270R
DP10 BYT13/600
CP11 2n2
SP01
CP63 22N
TP30 BC548
DP30 1N
RP30 10k
RP31 10k
TP31 BC557
RP32 10k
RP33 1k
RP34 470k
RP35 100k
DP31 1N
DP32 36V
CP30 220u
RP36 1k
+13V
+50V
DP51 BYW80/150
+US
RP56 150R
DP50 BA157
CP51 4700u
CP64 220u
CP71 680n
GND
GND-S
CP49 22n
DP52 BYW80/150
CP52 4700u
CP65 220u
RP85 1k
-US
+USS
+7V5
TO BP 02 S MPS HS 1000
DP56 BY297
CP56 1000u
RP78 18k
RP81 18k
RP82 18k
RP83 18k
GND.SS
+50V
DP53 BA157
CP53 100u
RP79 47k
RP86 1k
+USS
GND
14
BP51
+16V
DP54 BY296
CP54 1000u
RP80 3k9
BP08
+13V
DP55 BYW80-150
CP55 4700u
DP58
MUTE
SMPS
GND-S
FJ
VCC2029
GND
OR
TP54 BC548B
RP58 R034
RP57 39R
RP76 1k
CP58 22n
BP04 GND
+13V
+7V5
DP57 MBR745
CP57 4700u
GND
+16V
+50V
12
TO BA 02 SUB MUTE HS 1000
CP60 100n
SMPS
RP65 2k2
VCC2029
RP77 10k
DP73 1N4148
DC PROTECTION
DP61 1N4148
+13V
BP07
RP61 1k
DP60 1N
RP62 1k
RP55 10k
TP53 BC548B
RP53 1k
DP75 1N
RP74 2k2
TP51 BC558B
DP63 1N
DP64 15V
DP62 1N
CP62 22n
DP74 1N
DP76 ZPD6,2
CP59 100u
RP54 10R
+7V5
TP52 BC548B
RP64 470R
DP65 10V
DP66 1N
+16V
DP80 22V
DP79 1N
+US
DP68 22V
DP69 1N
+50V
DP82 22V
DP72 1N
GND-S
DP67 1N
+USS
RP75 10R
BP06
RP63 470R
CP61 22n
LP04
LP05
IP01 TEA2260
CP25 100p
RP28 100k
CP14 470p
RP18 10k
RP19 10k
CP15 1u
CP06 1n
RP06 68k
RP07 4R7
RP08 22R
CP08 47n
RP26 100R
CP18 22n
CP09 470u
RP10 22R
CP17 100n
DP21 ZPY12V
DP20 BA157
DP04 ZPY9V1
DP02 ZPY9V1
RP05 10R
RP03 10k
CP07 1000u
RP25 10R
DP12 BA157
CP10 330p
DP14 BA157
DP11 BA157
RP11 0R
DP19 BA157
BP05
CP12 47u
LP02 2u2
TP01 BUH515
DP06 1N4001
DP08 1N4001
DP07 1N4001
DP09 1N4001
RP15 10R
RP13 1k
RP14 4K7
DP13 BA157
RP17 2k2
RP20 R05
RP21 R05
RP27 R05
RP22 1k5
CP19 470n
CP13 470n
1N = 1N4148
⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
⚠ Safety Part
When repairing, use original part only
⚠ Piece de securite
N'utilisez que les pieces d'origine

PS HS 1001 (2/2)


TO BS82 AM/FM HS 1001
BS01
In R
In L
-US
GND
+US
DC Protection
+13V
Mute
ISO1
TDA7250
LS01
LS02
BS02
BS03
BS04
TO BF01
LDN HS 1000
TO BF01
LDN HS 1000
⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
⚠ Safety Part
When repairing, use original part only
⚠ Piece de securite
N'utilisez que les pieces d'origine

MOB HS 1101 (1/2)


MUX1
RF69
DF02 5V1
OS4
BL02
OS1
OS2
BOX_SW
RP_BDR
MATRIX
YD
HD
BP
VP
OS3
GS_SEL
GS_EN
TO BL02 SPMB HS 1000
BL04
+200V VIDEO
HTR
TO BV03 CRT HS 1001
BL01
P.OFF
RC
TO BL01 SPMB HS 1000
+28V
V-ST
FOB
BD01
TO BD03 DFB HS 1001
HP2
HP1
BD02
TO BD01 DFB HS 1001
FB
+60V
BP07
TO BL01 BSVM HS 1000
CO-BLK
+12V
RM03 10k
DM01 1N4148
RM01 4k7
TM01 BC548B
RM02 10k
RM05 10k
DM02 1N4148
RM07 4k7
RM06 10k
TM03 BC548B
HD
CS32
GS_EN
CS15 1n
+12V
VD
GSMUTE
RS37 8k8
RS38 12k
IS01 MC14053
VP
FOB
+12V
YGS
HGS
RS01 10k
RS42 100R
TS10 BC548A
RS02 22k
DS12 BAV21
RS03 1k
CS03 100n
RS05 10k
RS06 47k
TS01 BC558C
RS08 1k
RS04 4k7
DS09 1N4148
RS07 10k
CS04 68p
RS41 100R
TS02 BC548A
RS12 22k
DS11 BAV21
+12V
RS13 1k
RS14 15k8
RS16 1k
CS11 150n
RS20 2k7
RS21 10k
RS40 100R
TS09 BC548B
DS02 BAV21
DS10 BAV21
HT
H
HP
RS17 680R
RS15 1k
RS39 2k2
DS05 1N4148
RS18 220R
RS19 1k2
DS03 5V6
DS06 1N4148
CS06 1n
TS08 BC548B
RS24 10k
RS34 100R
RS23 820R
TS04 BC548B
RS25 4k7
TS05 BC548B
DS07 1N4148
DS08 1N4148
TS07 BC548B
RS32 470R
RS33 10k
RS35 1k
+12V
RS26 1k
CS08 100p
TS06 BC548B
RS27 10k
RS28 1k
RS29 3k3
RS30 2k2
RS31 3k3
XS
VP
H
SSC32
CS09 100n
IS03 MC14528
RF01 140k
RF02 10k
RF07 1k
TF01 BC548B
CF01 100n
IF01 1/2 MC14538
IF02 1/2 MC14013
RF05 10k
TF03 BC548B
RF11 33k
RF13 68k4
RF14 10k
TF07 BC558B
RF15 1k
RF08 10k
RF12 820R
TF05 BC558B
RF16 59k
RF06 4k7
RF17 348k
RF18 100k
TF06 BC558B
TF04 BC548B
RF03 90k9
CF02 100n
CF03 100n
TF02 BC548C
RF04 4k7
TF20 BC548C
RF09 22k
CF04 4n7
CF08 4700n
RF40 100k
RF39+1 22k
RF39+2 33k
RF22 2k2
RF23 820R
RF27 390R
RF24 4k7
RF31 22k
RF25 4k7
TF10 BC548B
RF19 5k6
RF20 10k
RF26 10k
TF08 BC548B
RF30 22k
TF09 BC548B
RF28 11k5
RF29 8k25
CF05 4u7
CF06 470n
IF03 TL082
CF07 47u
RF42 14k
RF33 75k
RF34 27k4
RF35 15k
TF17 BF245A
TF12 BF245A
TF11 BF245A
CF18 47n
RF41 47k
RF32 47k
RF31 47k
RF65 6k8
RF66 4k7
VERT
V-ST
IF04 TL082
RF36 12k1
CF23 100p
RF39+4 33k
CF14 470n
RF57 4k7
TF15 BC548C
CF16 2n2
DF12 1N4148
RF76 1k5
RF58 1k
CF15 10n
RF60 47R
RF61 27k
DF11 1N4148
CF13 10n
RF37 5k6
PF02 1k
V-Pos.
RF38 3k9
RF10 82R
DF14 1N4148
RF70 100k
TF16 BC557B
RF72 68k
CF20 22n
DF15 1N4148
RF71 100k
DF09 1N4148
RF63 100k
CF12 47n
DF08 1N4148
CF17 4n7
RF64 68k
RF73 12k
DF17
DF16 1N4148
CF21 n1
RF74 68k
RF55 10R
RF47 100R
DF04 1N4148
RF48 1R62
RF49 47R
RF75 8R2
PF01 100R
V-Ampl.
DF05 1N4148
RF67 120R
BF01
BF02
CF10 1u
RF54 820R
LF01 200u
TF13 BC548B
DF06 BYT77
RF53 820R
CF11 4n7
RF50 22R
RF51 330R
CF09 100n
TF18 TYF30041D
RF52 100R
RG02 10k
RG19 100k
PG03 22k
H-Trapez
RG18 100k
RG03 10k
LL05
BL08
TO BP 02 PS HS 1001
BP01
BP02
BP255
CP01 1n5
CP03 4n7
CP04 220n
CP02 4n7
RP04 39k
DP05 12V
RP02 220R
RP05 220k
RP06 220k
RP07 220k
RP08 10M
CP06 1n
RP55 470k
CP31 22n
DP28 BA159
DP24 BA159
DP31 ZPY82
CP17 100p
RP30 100k
DP13 BY399
BP05
RP31 180k
RP32 1M
RP34 33k
CP20 470p
CP21 470p
RP35 120k
RP36 10k
DP16 1N4148
CP22 150p
CP19 220n
BP06
RP33 1k8
Usys
H-DRIVE
USYS
-6V
RC
3/4
+6V
SBYS
8/9
SYSA
10
+UB
+STBY
11
GND
13
LP
14
+15V
-6V
+13V
LP
IP02 TEA5170
DP35 1N4148
+15V
CP29 100u
CP30 330n
DP18 1N4148
OFF
DP19 1N4148
CP42 100n
DP17 1N4148
TP03 BC548B
RP38 1k
RP44 1k
SBYS
+UB
+STBY
GND
+6V
+15V
-6V
+13V
LP
LP01
LP02
LP05
LP06
DP20 BA157
RP60 BA157
CP18 100n
LP07
DP22 MUR405
LP08
CP24 1000u
CP25 1000u
LP09
DP23 BY296
LP10
DP30 1N4148
DP34 6V8
DP43 1N4148
DP44 1N4148
RP43 6k8
RP45 330R
DP25 1N4148
RP46 82R
TP05 BC548B
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RP41 0R
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RP28 R07
RP48 R07
RP29 220R
RP50 1k
RP24 10k
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CP14 1u
RP19 15k
RP22 910R
RP23 2k7
CP15 1n
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CP10 470u
CP05 470n
CP09 470n
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RP52 4k7
CP41 100n
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DP09 1N4001
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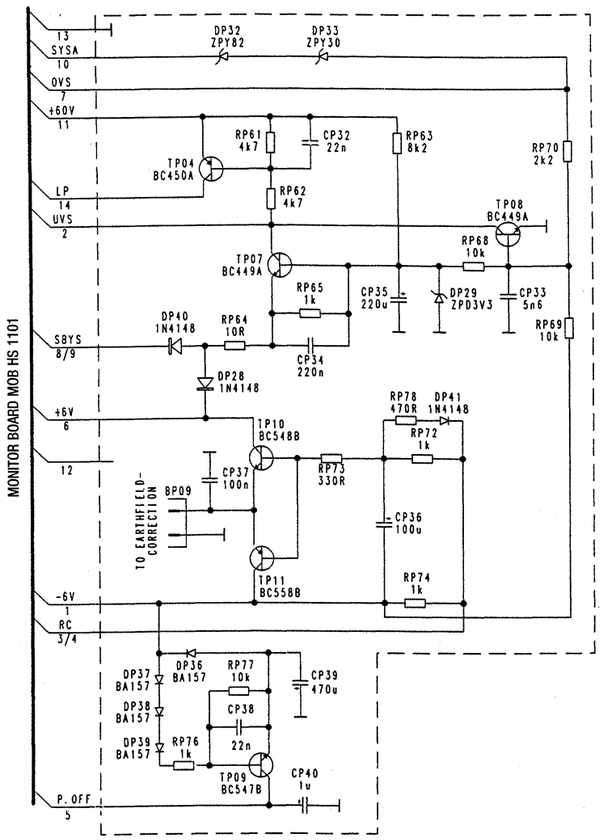
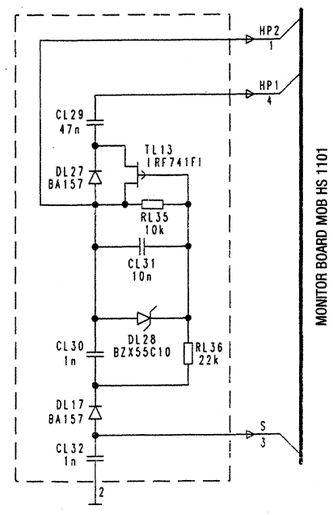
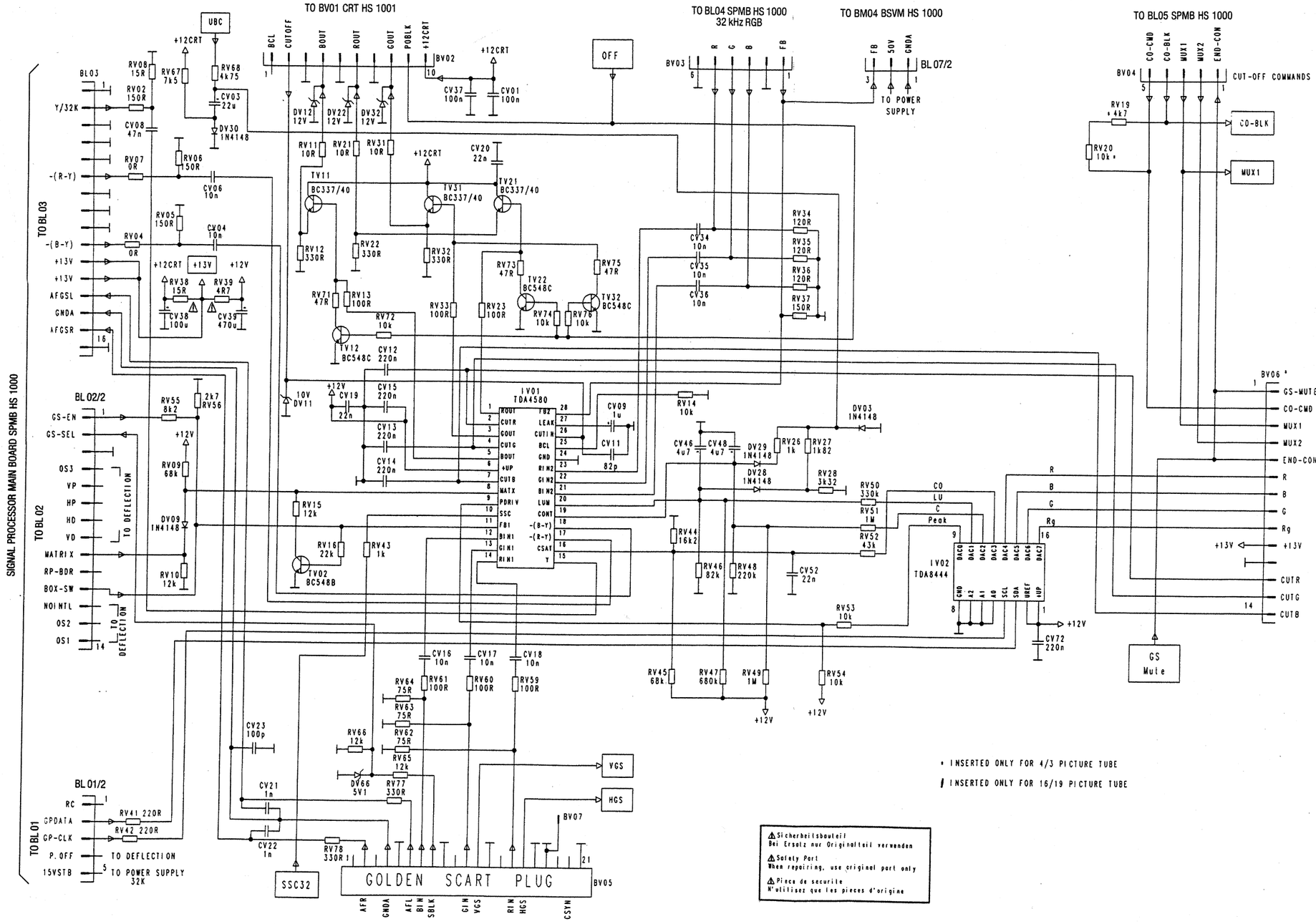
H-DRIVE
P.OFF
H
CS32
+12V
IL01 LA7850
RL01 12k
RL02 18k
BL12
CL01 100p
RL04 12k
RL03 22k
BL11
RL05 1k82
PL01 4k7
H-Phase
CL02 1n
CL03 27k4
CL04 3k3
CL13 10n
CL05 1n
RL11 47k
RL13 1k
CL42
CL06 1n
CL07 6k8
CL08 3k3
RL12 12k1
RL10 6k8
PL02 2k2
H-Freq.
CL10 220u
RL14 15k
RL15 15k
CL09 47u
RL16 470R
DL02
DL03 1N4148
H-Ampl.
PG04 4k7
TG01 BC548B
RL45 10k
RG10 10k
RL47 10k
TL14 BC547B
RL46 22k
+13V
RL24 4k7
TO BSVM BN01
BL09
RL07 68R
CL36 100u
DL01 10V
RL08 4k7
TL01 BC548B
CL11 22n
RL09 4k3
DL11 BA157
DL12 BA157
CL24 470u
RL27 47k
RL28 10k
RL31 1k
RL32 1k
TL06 BC546C
RL30 470k
TL08 BC327-40
TL07 BC548C
RL29 3k3
CL38 4n7
RL52 10k
V_OFF
OFF
+8V
OFF
IG01 TDA8146
PG01 2k2
H-Amp.
CG02 1n8
RG11
RG12
RG04 1k2
CG07 100n
CG01 10u
DL13 BYT01-200
LL14
LL13
RL33 0R
RG09 68k
RG20 1k
IG03 BC546B
RG13 22k
CG06 10n
RG08 2k2
PG02 22k
H-Pin-cush.corr.
RG14 150k
RG15 3k3
RG16 1k8
RG21 12k
DG01 BAV21
DG02 BZY55C30
CG04 10n
BG02
BG01
RG17 1k
TG02 BD242
DL21 ZPY82
DL22 1N4148
CC05 u33
RG22 2R7
RL43 22k
RL44 6k8
CL15 22n
DL07 BYT0
400V
LL07
CL14 11n2
DL08 BYW3
1500
LL01 3u
RL21 22R
CL28 1000u
DL04 1N4148
TL02 BC337-40
TL04 BD434
TL05 2SC3996
TL03 BD435
DL05 1N4148
RL18 22k
RL19 1k
TL10 BC337-40
RL23 100R
RL20 4R7
CL27 1000u
RL17 2k2
CL12 100n
RG05 100k
RG03 10k
RG02 10k
RG19 100k
PG03 22k
H-Trapez
RG18 100k
LF01 200u
TF13 BC548B
DF06 BYT77
RF53 820R
CF11 4n7
RF50 22R
RF51 330R
CF09 100n
TF18 TYF30041D
RF52 100R
BF01
BF02
CF10 1u
RF54 820R
LL05
BL08
RF39+3 22k
RF45 180k
RF49 47R
RF75 8R2
PF01 100R
V-Ampl.
RF55 10R
RF47 100R
DF04 1N4148
DF05 1N4148
RF48 1R62
RF67 120R
RF14 1N4148
RF70 100k
TF16 BC557B
RF72 68k
CF20 22n
DF15 1N4148
RF71 100k
DF09 1N4148
RF63 100k
CF12 47n
DF08 1N4148
CF17 4n7
RF64 68k
RF73 12k
DF17
DF16 1N4148
CF21 n1
RF74 68k
CF16 2n2
DF12 1N4148
RF76 1k5
RF58 1k
CF15 10n
RF60 47R
RF61 27k
DF11 1N4148
CF14 470n
RF57 4k7
TF15 BC548C
PF02 1k
V-Pos.
RF38 3k9
RF10 82R
CF13 10n
RF37 5k6
RF40 100k
RF39+1 22k
RF39+2 33k
CF08 4700n
RF08 10k
RF12 820R
TF05 BC558B
RF17 348k
RF18 100k
TF06 BC558B
TF04 BC548B
RF06 4k7
RF11 33k
RF13 68k4
RF14 10k
TF07 BC558B
RF15 1k
RF05 10k
TF03 BC548B
RF09 22k
TF20 BC548C
RF04 4k7
CF03 100n
TF02 BC548C
CF02 100n
RF03 90k9
RF01 140k
RF02 10k
RF07 1k
TF01 BC548B
CF01 100n
IF01 1/2 MC14538
IF02 1/2 MC14013
IF01 1/2 MC14538
IF02 1/2 MC14013
CF04 4n7
RF27 390R
RF22 2k2
RF23 820R
RF24 4k7
RF31 22k
RF25 4k7
TF10 BC548B
RF19 5k6
RF20 10k
RF26 10k
TF08 BC548B
RF30 22k
TF09 BC548B
RF28 11k5
RF29 8k25
CF05 4u7
CF06 470n
IF03 TL082
RF21 100R
V-Ampl.
RF67 120R
RF55 10R
RF49 47R
RF75 8R2
DF04 1N4148
DF05 1N4148
RF47 100R
RF48 1R62
RF39+3 22k
RF45 180k
CF07 47u
RF42 14k
RF33 75k
RF34 27k4
RF35 15k
TF17 BF245A
TF12 BF245A
TF11 BF245A
CF18 47n
RF41 47k
RF32 47k
RF31 47k
RF65 6k8
RF66 4k7
VERT
V-ST
IF04 TL082
RF36 12k1
CF23 100p
RF39+4 33k
RG02 10k
RG19 100k
PG03 22k
H-Trapez
RG18 100k
RG03 10k
LL05
BL08

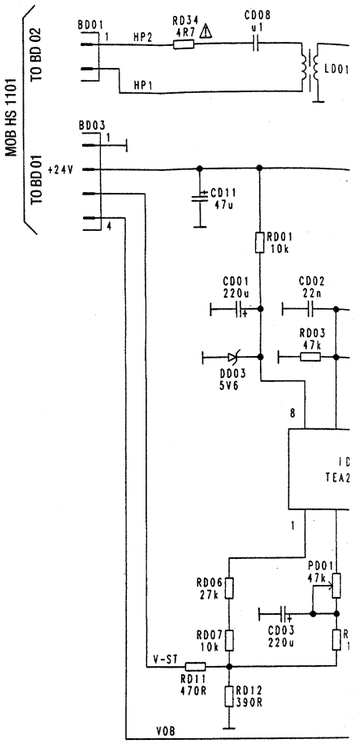
SUB SY HS 1000



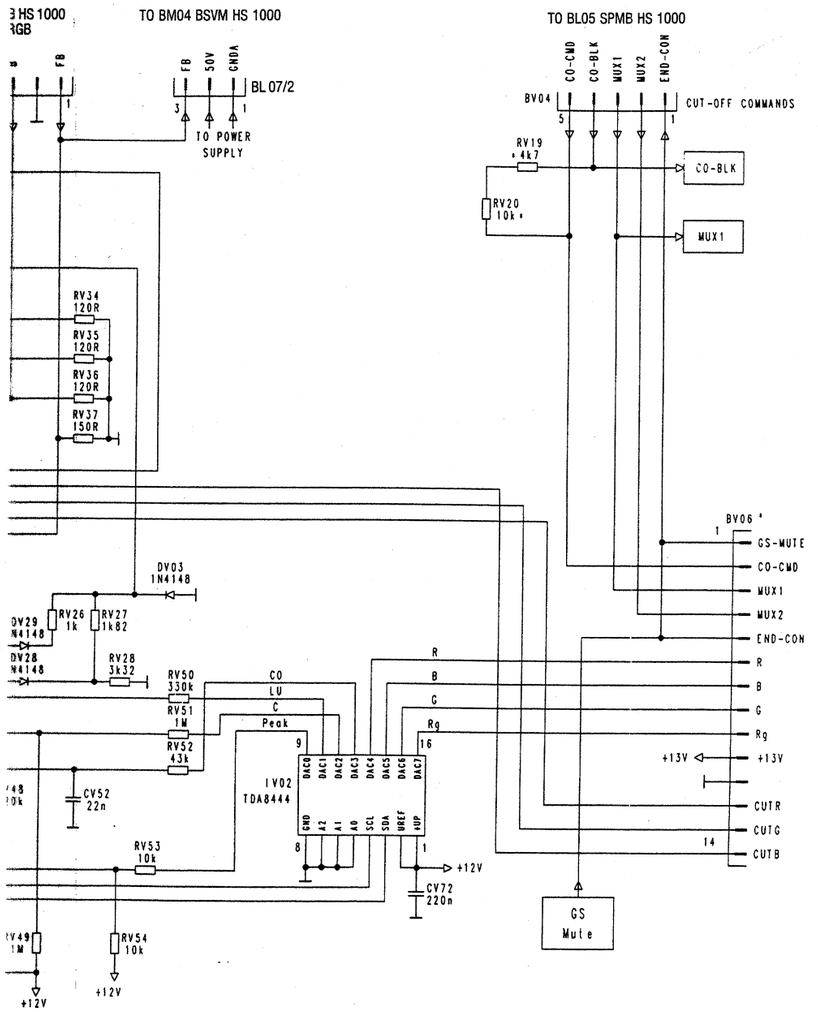
SUB MOB SC HS 1101




TO BV01 CRT HS 1001
TO BL04 SPMB HS 1000 32 kHz RGB
TO BM04 BSVM HS 1000
TO BL05 SPMB HS 1000
UBC
+12CRT
BCL
CUTOFF
BOUT
ROUT
GOUT
POBLK
BV02
OFF
BV03
R
G
B
FB
BL07/2
TO POWER SUPPLY
BV04
CO-CMD
CO-BLK
MUX1
MUX2
END-CON
CUT-OFF COMMANDS
CO-BLK
MUX1
BL03
Y/32K
-(R-Y)
-(B-Y)
+13V
AFGSL
GNDA
AFGSR
TO BL03
+12V
BC337/40
BC548C
10V DV11
IV01 TDA4580
IV02 TDA8444
BL02/2
GS-EN
GS-SEL
OS3
VP
HP
HD
VD
MATRIX
RP-BDR
BOX-SW
NOI MTL
OS2
OS1
TO DEFLECTION
TO BL02
BL01/2
RC
GPDATA
GP-CLK
P.OFF
15VSTB
TO BL01
TO DEFLECTION
TO POWER SUPPLY 32K
SIGNAL PROCESSOR MAIN BOARD SPMB HS 1000
BV06 *
GS-MUTE
CO-CMD
MUX1
MUX2
END-CON
R
B
G
Rg
CUTR
CUTG
CUTB
GS Mute
BV07
VGS
HGS
SSC32
BV05
GOLDEN SCART PLUG
AFR
GNDA
AFL
BLN
SBLK
GIN
VGS
RIN
HGS
CSYN
* INSERTED ONLY FOR 4/3 PICTURE TUBE
# INSERTED ONLY FOR 16/19 PICTURE TUBE
Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
Safety Part
When repairing, use original part only
Pièce de securité
N'utilisez que les pièces d'origine


MOB HS 1101
TO BD 02
TO BD 01
+24V
V-ST
VOB
HP1
HP2
LD01
IC TEA2
PD01
CD03 220u
CD11 47u
RD01 10k
RD03 47k
RD06 27k
RD07 10k
RD11 470R
RD12 390R
DD03 5V6

DFB HS 1000



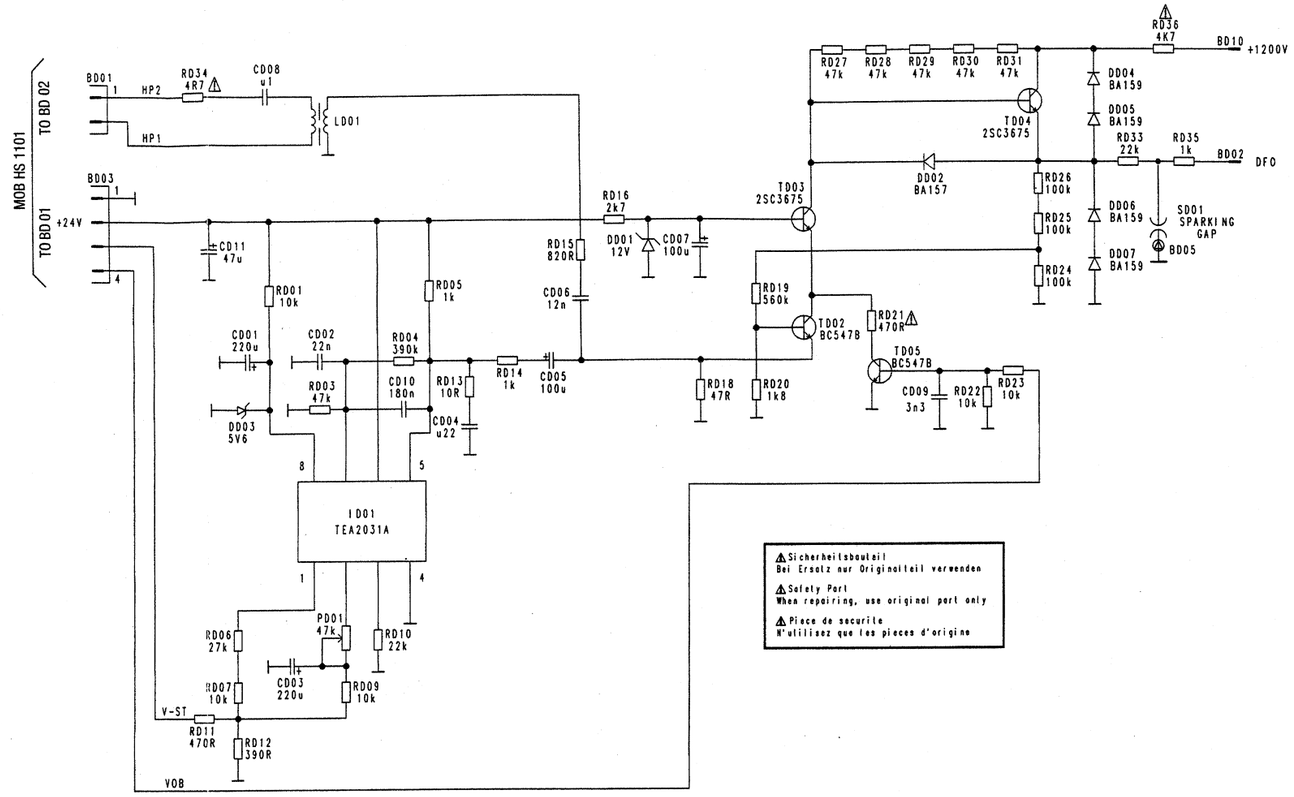
* INSERTED ONLY FOR 4/3 PICTURE TUBE

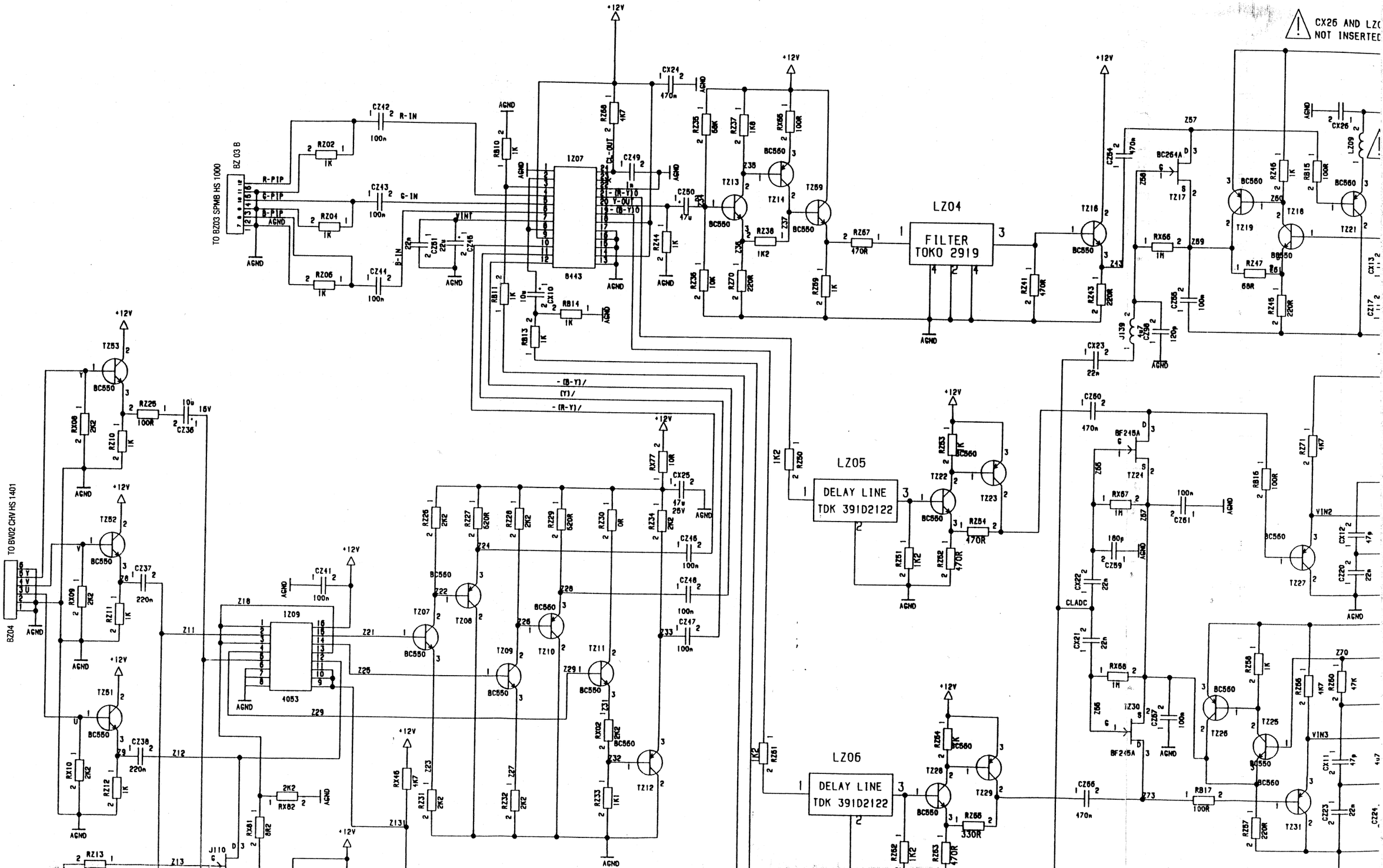
/ INSERTED ONLY FOR 16/19 PICTURE TUBE

⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden

⚠ Safety Part
When repairing, use original part only

⚠ Piece de securite
N'utilisez que les pieces d'origine




TO BZ03 SPMB HS 1000
BZ 03 B
R-PIP
G-PIP
B-PIP
AGND
R-IN
G-IN
B-IN
RZ02 1K
RZ04 1K
RZ06 1K
CZ42 100n
CZ43 100n
CZ44 100n
IZ07
8443
+12V
RB10 1K
RB11 1K
RB13 1K
RB14 1K
CZ49
CZ50 47u
CZ51 22u
CZ46
CX10 10u
RZ44 1K
RZ56 4K7
RZ35 68K
RZ37 1K
RZ55 100R
RZ36 10K
RZ70 220R
RZ38 1K2
RZ59 1K
BC550
TZ13
TZ14
TZ59
Z35
Z36
Z37
CX24 470n
RZ67 470R
LZ04
FILTER
TOKO 2919
RZ41 470R
RZ43 220R
CZ54 470n
TZ16
TZ17
TZ18
TZ19
TZ21
BC264A
BC560
Z57
Z58
Z59
Z60
Z61
RZ46 1K
RB15 100R
RX66 1M
RZ47 68R
RZ45 220R
CZ55 100n
CZ56 4u7
CZ58 120p
J139
CX25
LZ09
CX26 AND LZ
NOT INSERTED
CX23 22n
CZ60 470n
BF245A
TZ24
Z55
RX67 1M
CZ61 100n
RB16 100R
RZ71 4K7
CX12 47p
CX20 22n
TZ27
VIN2
CZ59 180p
CX22 22n
CLADC
CX21 22n
RX68 1M
CZ57 100n
TZ30
Z56
Z70
RZ58 1K
RZ66 4K7
RZ60 47K
TZ25
TZ26
VIN3
CX11 47p
CX13
CZ66 470n
RB17 100R
RZ57 220R
TZ31
Z73
CX23
LZ05
DELAY LINE
TDK 391D2122
RZ53 1K
TZ22
TZ23
RZ54 470R
RZ51 1K2
RZ52 470R
LZ06
RZ34 1K
RZ28 330R
RZ62 1K2
RZ63 470R
1K2
RZ50
RZ61
TZ53
TZ52
TZ51
TZ50
BZ04
TO BV02 CHV HS 1401
RX08 2K2
RZ10 1K
RZ26 100R
CZ36 10u 16V
RX09 2K2
RZ11 1K
CZ37 220n
RX10 2K2
RZ12 1K
CZ38 220n
RZ13 1K
CZ39 100n
RX11 2K2
RZ27 620R
RZ29 620R
RZ30 0R
RZ31 2K2
RZ32 2K2
RZ33 1K1
RX12 2K2
RZ61 0R2
RX62 2K2
RX46 1K7
CZ41 100n
CZ48 100n
CZ47 100n
CZ46 100n
4053
IZ09
TZ07
TZ08
TZ09
TZ10
TZ11
TZ12
Z18
Z11
Z12
Z13
Z21
Z26
Z29
Z24
Z28
Z31
Z32
Z131
Z23
Z27
RX02 2K2
J110
VINT
22n
CZ51 22u
CZ46
-(B-Y)/
(Y)/
-(R-Y)/

CX26 AND LZ09
NOT INSERTED

LZ04
FILTER
TOKO 2919

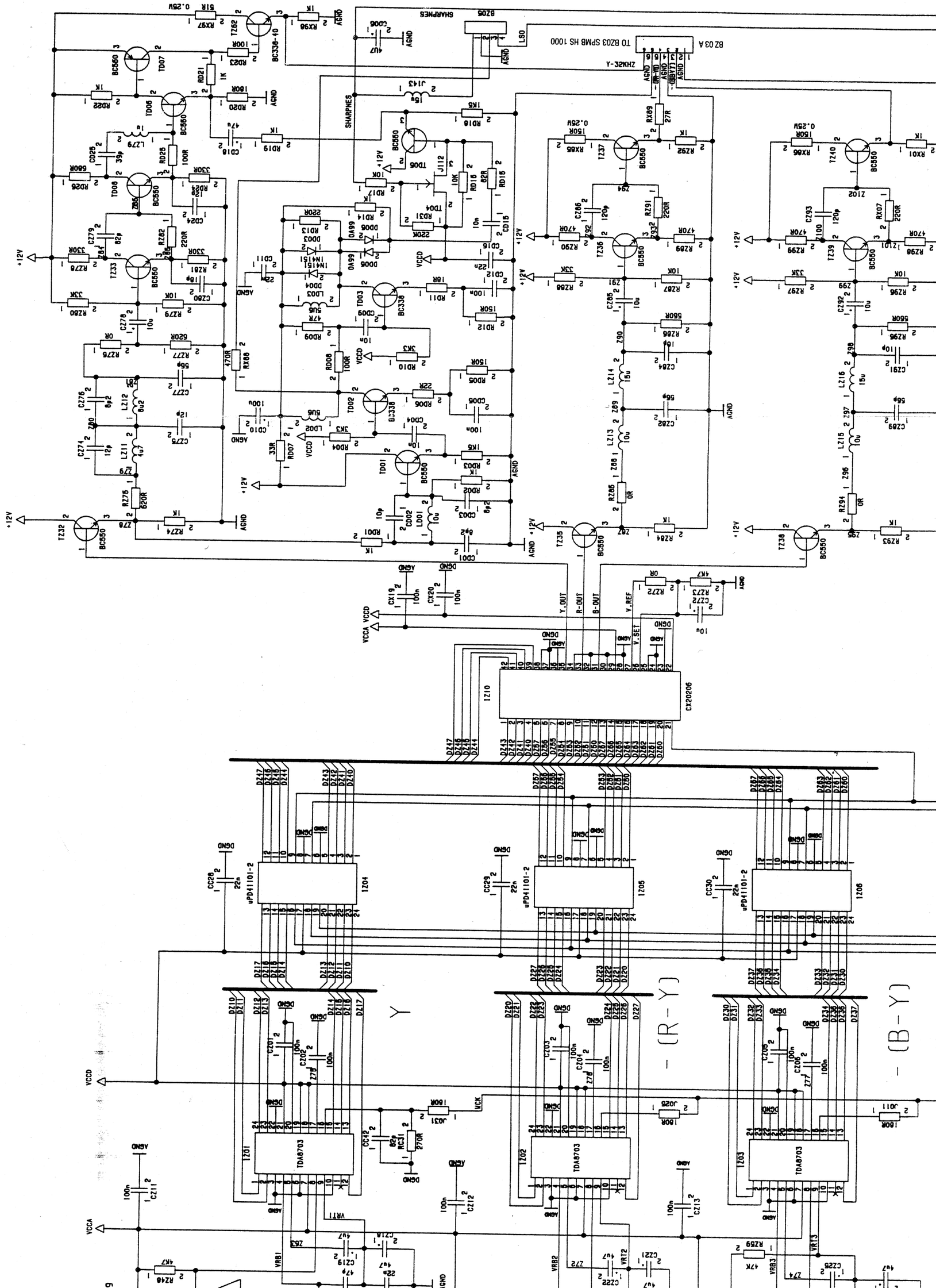
LZ05
DELAY LINE
TDK 391D2122

LZ06
DELAY LINE
TDK 391D2122

1Z01 TDA8703
1Z02 TDA8703
1Z03 TDA8703
1Z04 uPD41101-2
1Z05 uPD41101-2
1Z06 uPD41101-2
1Z10 CX20206

- (R-Y)
- (B-Y)
Y

+12V
VCCA
VCCD
AGND
DGND
CLADC
VCK
VRB1
VRB2
VRB3
VRT1
VRT2
VRT3
VIN2
VIN3
Y.OUT
R-OUT
B-OUT
V.REF
V.SET


TO BZ03 SPMB HS 1000
BZ03 A
SHARPNES
BZ06
LS0
Y-32KHZ
+12V
AGND
DGND
VCCD
VCCA
VCK
Y_OUT
R-OUT
B-OUT
V_REF
V_SET
CX20206
uPD41101-2
TDA8703
- (R-Y)
- (B-Y)
Y

LZ06
DELAY LINE
TDK 391D2122

* components inserted in the case of adjustment of the main picture horizontal phase by soft.

horizontal adjustment of the main picture

* inserted components in the case of manual adjustment of the main picture horizontal phase.

CD4046B

74F169

74HC08

BF245A

PIN 14 PIN 7 FROM IC06

LZ06
DELAY LINE
TDK 391D2122
RZ51 1K2
RZ52 470R
AGND
+12V
RZ54 1K
BC560
TZ28
TZ29
BC560
RZ55 330R
RZ62 1K2
RZ63 470R
AGND
CZ59
CX22 22n
CX21 22n
CLADC
RX56 1M
Z66
TZ30
BF245A
CZ57 100n
AGND
CZ66 470n
Z73
RB17 100R
RZ58 1K
BC560
TZ26
BC560
TZ25
BC560
TZ31
RZ57 220R
Z70
RZ66 47K
RZ60 47K
RZ59 47K
VRB3
VIN3
VRT3
CX11 47p
CZ23 22n
CZ25 4u7
CZ24 4u7
AGND
TZ27
CZ20 22n
CZ21 4u7
VRT2
AGND
CZ13 100n
AGND
180R JO25
- (R-Y)
180R JO11
- (B-Y)
DZ26 DZ27 DZ30 DZ31 DZ32 DZ33 DZ34 DZ35 DZ36 DZ37
1Z03
TDA8703
DGND
CZ05 100n
CZ06 100n
Z77
DZ37 DZ36 DZ35 DZ34 DZ33 DZ32 DZ31 DZ30
DZ20 DZ21 DZ22 DZ23 DZ24 DZ25 DZ26 DZ27
CC30 22n
uPD41101-2
1Z05
1Z06
DZ67 DZ66 DZ65 DZ64 DZ63 DZ62 DZ61 DZ60
DZ61 DZ62 DZ63 DZ64 DZ65 DZ66 DZ67 DZ60
CX20206
AGND
V.SET
V.REF
RZ72 OR
CZ72 10u
RZ73 4K7
AGND
+12V
TZ36
BC550
RZ94 OR
Z96
LZ15 10u
Z97
RZ93 1K
CZ89 56p
AGND
RZ84 1K
CZ82 56p
AGND
VCCA
CZ07 10n
CZ09 10n
DGND
RX83 1K
CLADC
VCK
RSTV
OE
RSTR
RCK
CLMAIN
BLVP
CLPDP
POPCORN
CLADC
OE
RSTV
VCK
FRAME
COLOR
RSTR
RCK
VCCD
CX17 100n
DGND
CC38 470n
DGND AGND
1Z12
GATE-ARRAY
OVERSC1
OVERSC2
CUT.OFF
HD
VD
HP-32KHZ
VP-32KHZ
GOLD.SYN
FB-PIP
HD-XTLK
TEST 2
RX76 47K
RESET
ENAB-TH
SP-CLK
SP-DATA
VS-15KHZ
BG
500KHZ
125KHZ
10.125M
27MHZ
HRST
CE
CX18 100n
DGND
RX24 10K
VD-32KHZ
HD-32KHZ
RX27 2K2
RX29 680R
RX34 220R
RX35 2K2
RX32 2K2
RX99 4K7
CO-BLCK
OS2
OS1
LSO
SHARPNESS
+7V_FEA
PIN 14 PIN 7 FROM 1Z1
CZ81 100n
FZ01 to FZ15 are
1/4 74HC08
1C06
PIN 14 PIN 7 FROM 1C06
CC06 100n
1C05
74F169
VCC LOAD GND RCO U/D ENT ENP CP A B C D QA QB QC QD CE
RC26 2K2
10K RD30
RC25 220p
RC13 100K
RC12 100K
CC19 22n
DGND
+12V
CC04 100n
1C04
RC21 390R OR
10.125M
BC560
RX48 470K
RX51 10.7K 4K7
CC40 100n AGND
+12V
RX91 10K
TZ60
BC550
RX93 10K
TZ61
BC550
GP-DATA
GP-CLK
ENAB-TH
RX75 47K
RX25 2K2
RX26 20R
RX74 47K
RX73 680R
RX94 680R
FZ01 FZ05 FZ06 FZ07 FZ08
FZ10 FZ11 FZ12 FZ13 FZ14

- (R-Y)

- (B-Y)

1Z03 TDA8703

1Z05

1Z06 uPD41101-2

CX20206

V.REF

V.SET

1Z12 GATE-ARRAY

OVERSC1
OVERSC2
CUT.OFF
HD
VD
HP-32KHZ
VP-32KHZ
GOLD.STN
FB-PIP
NO-XTLK
TEST
RESET
ENAB-TH
CP-CLK
CP-DATA
VS-15KHZ
BG
500KHZ
125KHZ
10.125M
27MHZ
HR6T
CE

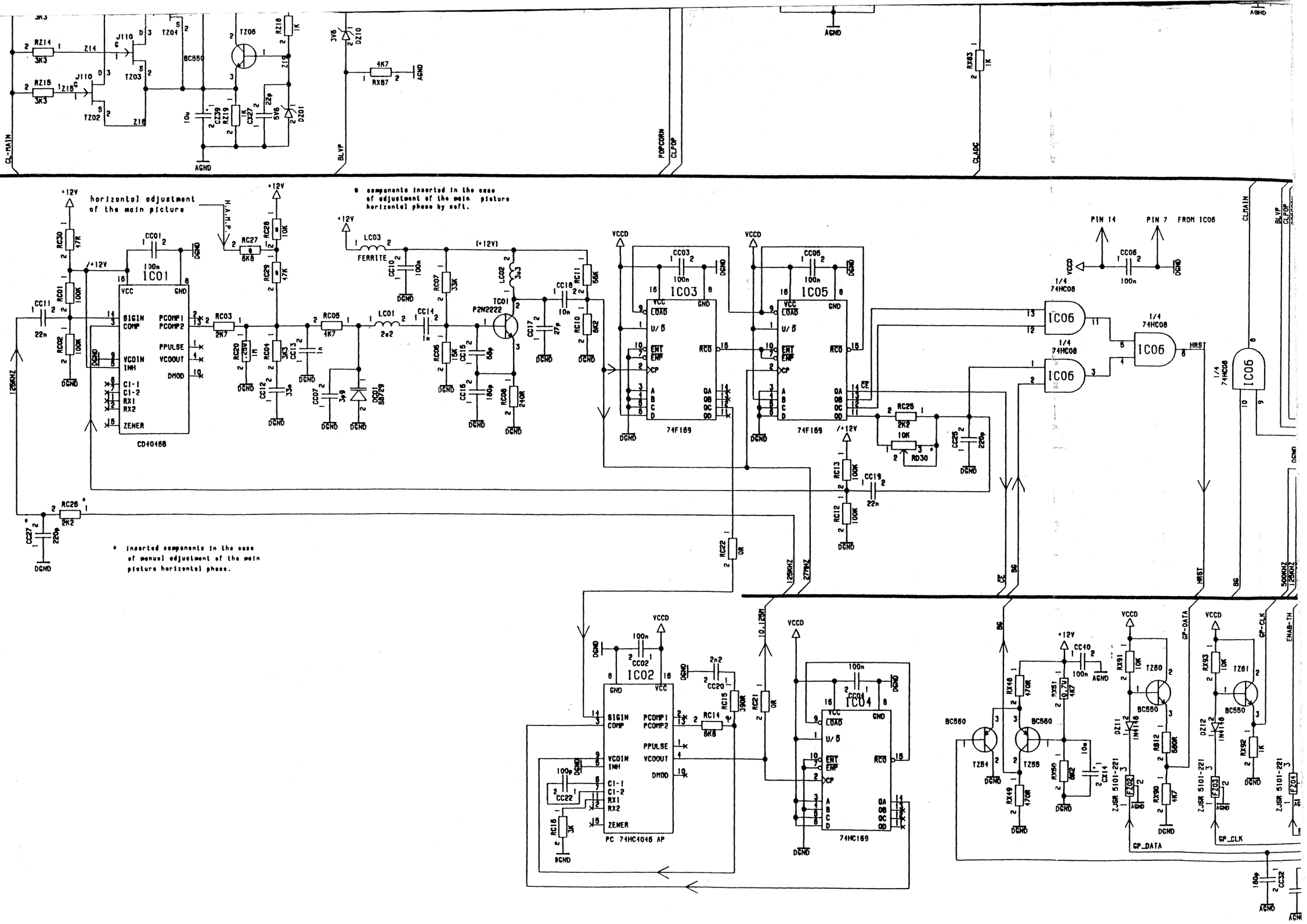
VD-32KHZ
HD-32KHZ
CO-BLCK
OS2
OS1

LSO
SHARPNESS

PIN 14 PIN 7 FROM 1Z13

FZ01 to FZ15 are EMI/RFI filters

TO BZ03A


horizontal adjustment of the main picture
H.A.M.P.
* components inserted in the case of adjustment of the main picture horizontal phase by soft.
IC01
CD4046B
IC02
PC 74HC4046 AP
IC03
74F169
IC04
74HC169
IC05
74F169
IC06
1/4 74HC08
PIN 14
PIN 7 FROM IC06
HRST
CE
BG
GP_DATA
GP_CLK
ENAB-TH
* inserted components in the case of manual adjustment of the main picture horizontal phase.

AGND

RX83 1K

CLADC

VCK

VCK RSTV VE

RSTR RCK

AGND

PIN 14 PIN 7 FROM IC06

CC06 100n

1/4 74HC08 IC06

HRST

CLMAIN

BLVP CLPOP POPCORN CLADC VE RSTV VCK FRAME COLOR RSTR RCK

VCCD

CX17 100n

CC38 470n

GATE-ARRAY

OVERSC1
OVERSC2
CUT.OFF
HD
VD
HP-32KHZ
VP-32KHZ
GOLD.SYN
FB-PIP
NO-XTLK
TEST2
RESET
ENAB-TH
GP-CLK
GP-DATA
VS-15KHZ
BG

RX24 10K

RX76 47K

500KHZ 125KHZ 10.125M 27MHZ HRST CE

IZ12 CC39 22n

CX16 100n

RC26 2K2 10K RD30

CC25 220p

RC13 100K

CC19 22n

RC12 100K

/+12V

CE BG

+12V

RX27 2K2

RX29 680R

RX34 220K

RX35 2K2

RX32 2K2

RX99 4K7

VD-32KHZ

HD-32KHZ

CD-BLCK

OS2 OS1

LSO

SHARPNESS

FZ01 to FZ15 are EMI/RFI fi

VCCA

LZ01 FERRITE CZ07 10n 10u CZ08

AGND

VCCD

LZ02 FERRITE CZ09 10n 10u CZ10

DGND

PIN 14 PIN 7 FROM IZ13

CZ81 100n

IC04 74HC169

CC01 100n

RX46 470R RX51 0.7Ω 4K7 RX50 6K2 RX49 470R

TZ54 TZ55 BC560

CC40 100n AGND

DZ11 IN4148 RX91 10K TZ60 BC550 RB12 680R RX90 4K7

DZ12 IN4148 RX93 10K TZ61 BC550 RX92 1K

ZJSR 5101-221 FZ02 FZ03 FZ04

GP_DATA GP_CLK ENAB-TH

ZJSC 220-101 FZ01 FZ05 FZ06 FZ07 FZ08

47K RX75 GOLD.SYN RX25 2K2 RX26 820R

RX74 47K RX73 680R RX94 680R

CC31 330p CC33 220p CC34 47p

CC35 100p CC36 100p

RX95 330R +12V

RX96 1K

ZJSC 220-101 FZ09 FZ10 FZ11 FZ12 FZ13 FZ14

ZJSR 5101-682 FZ13

+7V-FEA

SJSR 5101-682 FZ15

CC37 22n

H.A.H.P.

horizontal adjustment of the main picture

BZ02 STOCK017P

CX09 10n CX08 10u

BZ01

500KHZ SSC VS-15KHZ GP_DATA GP_CLK ENAB-TH RESET GSYNC NO-XTLK FB-PIP VP-32KHZ HP-32KHZ VD-32KHZ HD-32KHZ

CC32 180p CC41

TO BZ01 SPMB HS 1000 TO BZ02

VCK
VCK
RSTV
OE
VCK
RSTR
RCK

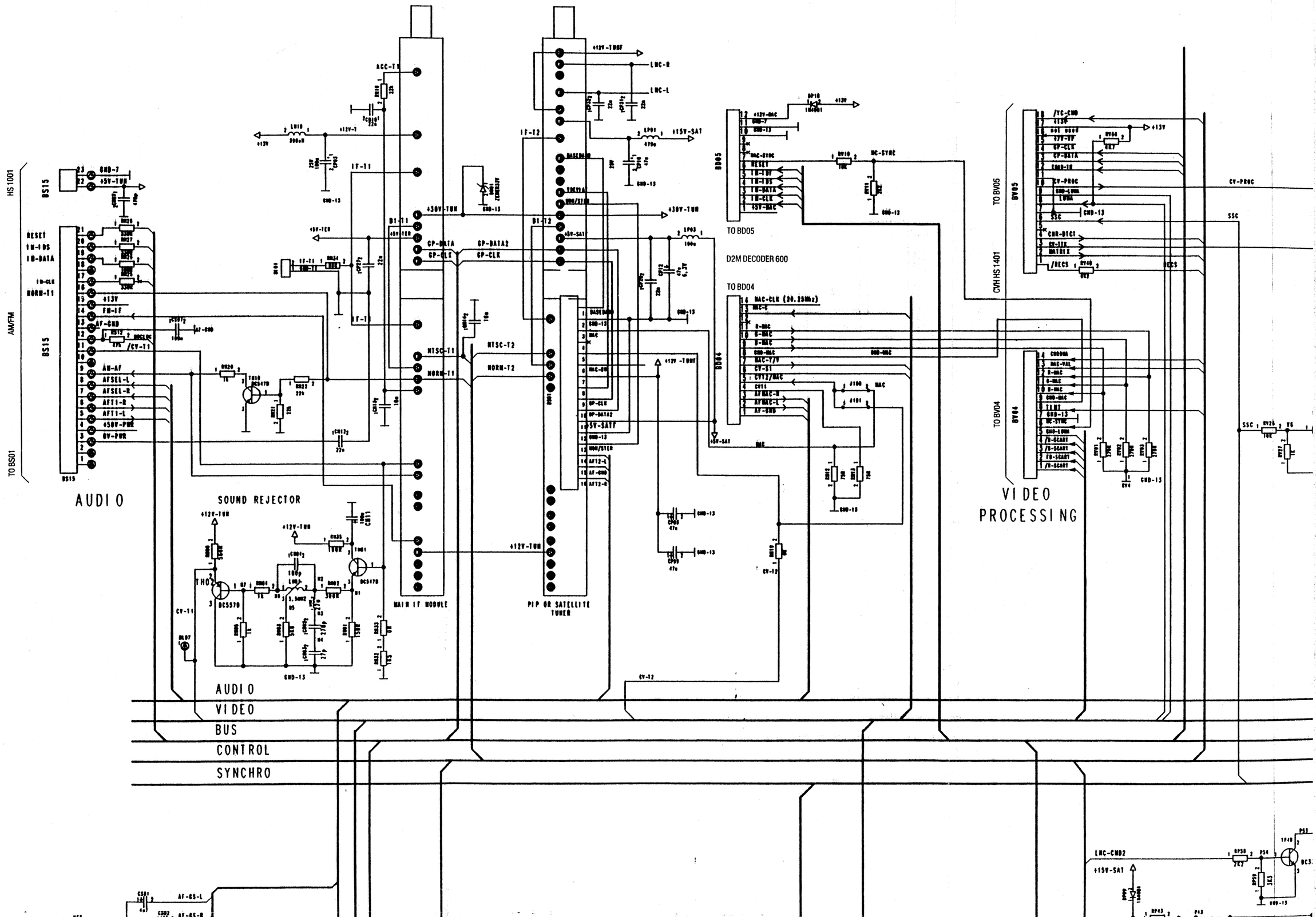
AGND

VCCA
LZ01
FERRITE
CZ07 10n
CZ08 10u
AGND
+7V-FEA
+8V
IP82 7808
AGND
VCCD
LZ02
FERRITE
CZ09 10n
CZ10 10u
DGND

P1N 14 P1N 7 FROM 1Z13
VCCD
CZ81 100n
DGND

FZ01 to FZ15 are EMI/RFI filters

CLADC
OE
RSTV
VCK
FRAME
COLOR
RSTR
RCK
VCCD
CX17 100n
DGND
CC38 470n
DGND AGND
GATE-ARRAY
OVERSC1
OVERSC2
CUT.OFF
HD
VD
HP-32KHZ
VP-32KHZ
GOLD.STN
FB-PIP
HD-XTLK
RESET
ENAB-TH
GP-CLK
GP-DATA
VS-15KHZ
BG
DGND
RX24 10K
500KHZ
125KHZ
10.126M
27MHZ
HRST
CE
TEST
RX26 47K
1Z12
CC39 22n
CX18 100n
DGND
VCCD
+12V
RX27 2K2
VD-32KHZ
RX29 680R
HD-32KHZ
VCCD
RX34 220R
CO-BLCK
VCCD
RX35 2K2
OS2
VCCD
RX32 2K2
OS1
RX99 4K7
VCCD
RX75 47K
GOLD.STN
RX25 2K2
RX26 820R
DGND
RX74 47K
DGND
RX73 680R
DGND
RX94 680R
AGND
ZJSC 220-101
FZ01
FZ05
FZ06
FZ07
FZ08
AGND
CC31 330p
CC33 220p
CC34 47p
AGND
CC35 100p
CC36 100p
AGND
RX96 330R
+12V
RX96 1K
VCCD
ZJSC 220-101
FZ10
FZ11
FZ12
AGND
ZJSC 5101-682
FZ13
AGND
ZJSC 220-101
FZ14
AGND
+7V-FEA
SJSR 5101-682
FZ15
AGND
+12V
CX09 10n
CX08 10u
AGND
H.A.H.P.
horizontal adjustment
of the main picture
CO-BLCK
+12V-FEA
OS2
OS1
LSO
CC37 22p
+12V-FEA
SHARPNES
AGND
STOCK017P
BZ02
LSO
SHARPNESS
AB-TH
500KHZ
SSC
VS-15KHZ
GP_DATA
GP_CLK
FMAB-TH
RESET
GSYNC
HD-XTLK
FB-PIP
VP-32KHZ
HP-32KHZ
VD-32KHZ
HD-32KHZ
CC41
AGND
BZ01
TO BZ01
SPMB HS 1000
TO BZ02


HS 1001
AM/FM
BS15
RESET
IM-I2S
IM-DATA
IM-CLK
HORN-T1
+13V
FM-IF
AF-GND
/CV-T1
AM-AF
AFSEL-L
AFSEL-R
AFT1-R
AFT1-L
+50V-PWR
0V-PWR
TO BS01
AUDIO
SOUND REJECTOR
MAIN IF MODULE
PIP OR SATELLITE TUNER
TO BD05
D2M DECODER 600
TO BD04
TO BV05
TO BV04
CVH HS 1401
VIDEO PROCESSING
AUDIO
VIDEO
BUS
CONTROL
SYNCHRO

VIDEO PROCESSING

FEATURE MODULE

DFTV MODULE

AUDIO

VIDEO

BUS

CONTROL

SYNCHRO

FEATURE MODULE

DFTV MODULE

HIGH-SCAN POWER CHASSIS INTERCONNECTION

FEB HS 1001

MOB HS 1101

TO BZ03

TO BZ02

TO BZ01

TO BV03

TO BV04

TO BL03

TO BL02

TO BL01

AUDIO

VIDEO

BUS

CONTROL

SYNCHRO

+15V LNC SU

BUS EX

CONTROL AND TELETEXT

TO BT10 | CVT HS 1001 | TO BT09

SOUND SCART/GOLDEN SCART SWITCHING

PIP

TO BX01 | PIP TV 6000 | TO BX02

SCART INTERFACE

TO BX01 | SCI 6013 | TO BX02

+15V LNC SUPPLY

VERTICAL SYNC.TO PIP

CONTROL AND
TELETEXT

BUS EXPANDER

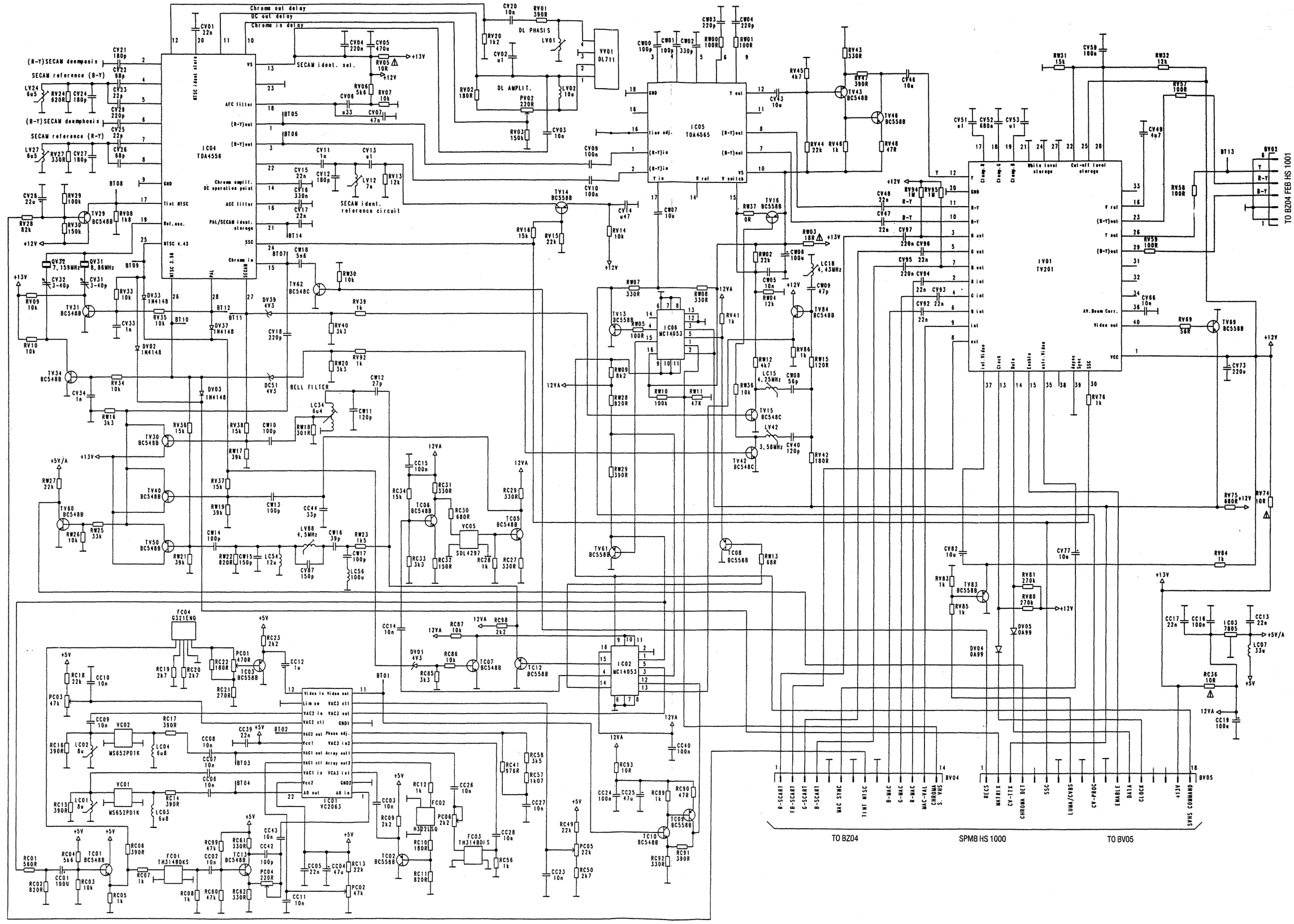
VERTICAL SYNC.TO PIP

PPLY

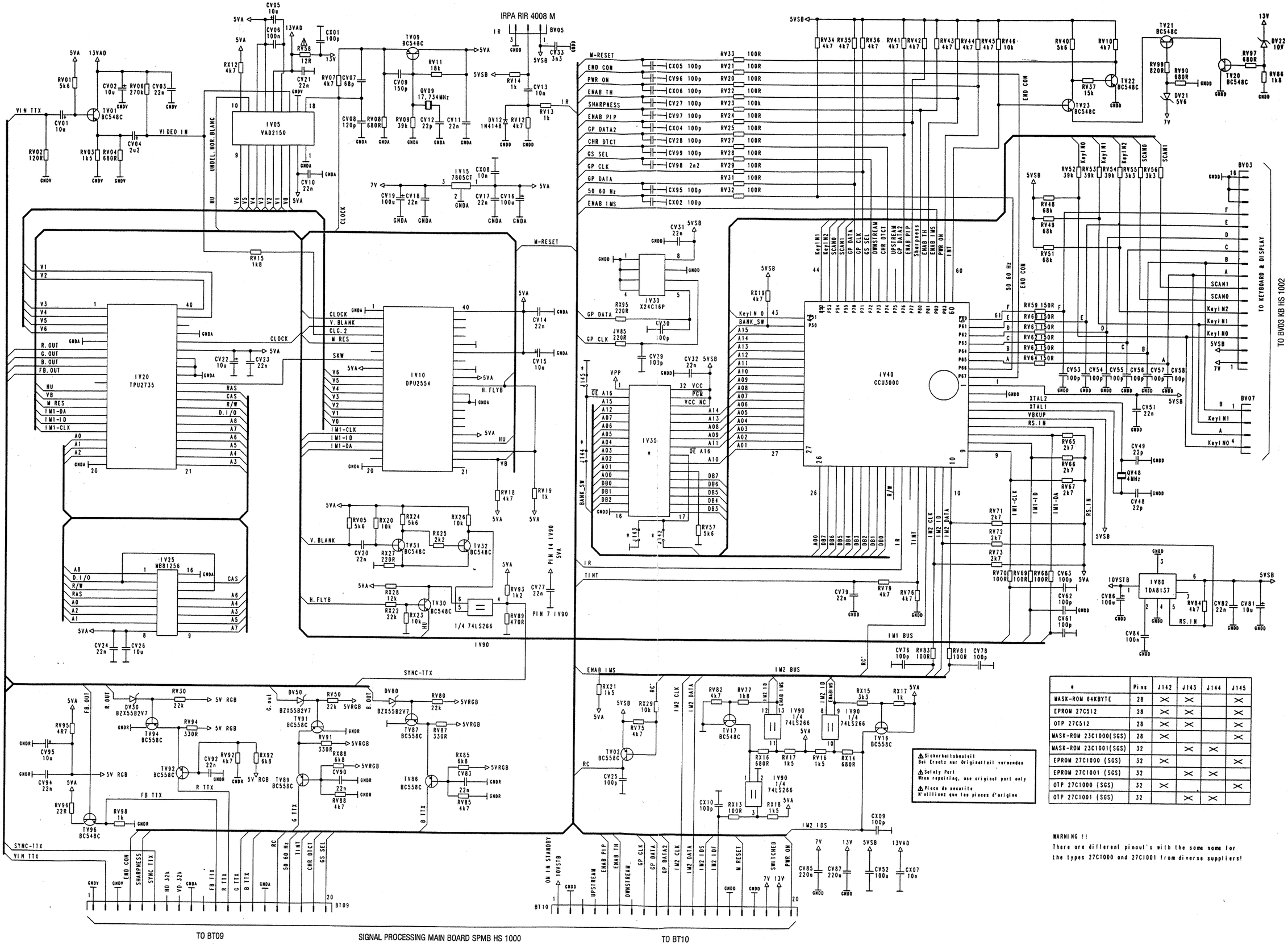
XPANDER

+10V STB / TEA 2029 SUPPLY

CHV HS 1401


ICO4 TDA4556
NTSC ident filter
ICO5 TDA4565
IVO1 TV201
ICO6 MC14053
ICO2 MC14053
IC01 VC2063
VV01 DL711
DL PHASIS
DL AMPLIT.
SECAM ident. sel.
SECAM ident. reference circuit
BELL FILTER
(R-Y)SECAM deemphasis
SECAM reference (B-Y)
(B-Y)SECAM deemphasis
SECAM reference (R-Y)
TO BZ04 FEB HS 1001
TO BZ04
SPMB HS 1000
TO BV05

CVT HS 1001


IRPA RIR 4008 M
IV05 VAD2150
IV20 TPU2735
IV10 DPU2554
IV25 MB81256
IV90
IV30 X24C16P
IV35 *
IV40 CCU3000
IV80 TDA8137
1/4 74LS266
1/4 74LS244
1/4 74LS245
1/4 74LS367
1/4 74LS368
1/4 74LS374
1/4 74LS541
1/4 74LS573
1/4 74LS574
1/4 74LS645
1/4 74LS646
1/4 74LS647
1/4 74LS648
1/4 74LS652
1/4 74LS653
1/4 74LS654
1/4 74LS655
1/4 74LS656
1/4 74LS657
1/4 74LS658
1/4 74LS659
1/4 74LS660
1/4 74LS661
1/4 74LS662
1/4 74LS663
1/4 74LS664
1/4 74LS665
1/4 74LS666
1/4 74LS667
1/4 74LS668
1/4 74LS669
1/4 74LS670
1/4 74LS671
1/4

TERRESTRIAL DESCRAMBLER

SCART-4 BX04

SATELLITE DESCRAMBLER

SCART-3 BX05

AUDIO SIGNALS

VIDEO SIGNALS

IX01 TEA2124

IX02 MC14052

IX03 TEA2124

IX05

IX06

IX06 & 7= SCART 2 AUDIO OUTPUT SELECTION

IX10= SCAR VIDEO OUTP SELECTIO

IX09= SCAR

TUNER1-V

TUNER1-L

TUNER1-R

TUNER2-L

TUNER2-R

TUNER2-V

TUNER1V

TUNER2V

13 TUNER1L

3 TUNER1R

13 S2-LEFT

3 S2-RIGHT

PIN8-S4

PIN8-S3

MAC-R

MAC-L

TUNER2L

TUNER2R

NOT-BIT1

NOT-BIT0

INHIBIT2

INHIBIT 6

NOT-BIT0 10

NOT-BIT1 9

SCART1-L 12

TUNER1L 14

CAM-L 15

SCART1-R 1

TUNER1R 5

CAM-R 2

+12V

+5V

GND

AF-GND

CV-T1

CV-T2

VCC-IX01

VCC-IX03

BC848

INH

A

B

X0

X1

X2

X3

Y0

Y1

Y2

Y3

VEE

X0/I

Y0/I

SATELLITE DESCRAMBLER

SCART-3 BX05

SCART-2 BX06

SCART1-L

SCART1-R

BLUE

AF-GND

+5V

+12V

GND

TUNER2-L

TUNER2-R

TUNER2-V

CV-T2

TUNER2V

100R 1%

BC848

TEA2124

VCC-IX03

INHIBIT1

NOT-BIT0

NOT-BIT1

SCART1-L

TUNER1L

CAM-L

SCART1-R

TUNER1R

CAM-R

MC14052

VIDEO SIGNALS

PIN8-S4

PIN8-S3

S2-LEFT

SCART2-R

SCART2-L

SCART2-C

SCART2-Y

CONTROL

PIN8-S2

4X3-S2

S2-OUTV

S2-OUTC

CHROMA BUFFER

OUTS1-R

OUTS1-L

TUNER1R

TUNER2R

CAM-R

TUNER-R

TUNER-L

CAM-L

TUNER2L

TUNER1L

OUTS1-L

IX05

IX06

IX07

MAC-R

MAC-L

TUNER2L

TUNER2R

NOT-BIT1

NOT-BIT0

INHIBIT2

13 S2-LEFT

3 S2-RIGHT

IX10= SCART 2 VIDEO OUTPUT SELECTION

IX09= SCART 2 CHROMA OUTPUT

AUDIO SIGNALS

MAC-Y/V

S2-OUTY

S2-OUTV

HA11513

TUNER2V

SC2-BIT1

CAM-Y/V

SCART1-V

SC2-BIT0

TUNER1V

RIGHT

LEFT

SCART-2 BX06

SCART-1 BX07

AUDIO SIGNALS

CHROMA BUFFER

VIDEO BUFFER

IX07

MC14052

IX11

HA11508

HA11513

SCART 2 OUTPUT TION

SCART 2 OUTPUT

AUDIO SIGNALS

TUNER1-R
47K RX11
27K RX12
CX10 100nF
560R RX10
560R RX14
TX04 BC848
RX13 75R
AF-GND
CX08
CX09 1uF
CX12 22nF
X1 15
X2 11
X3
Y0 1
Y1 5
Y2 2
Y3 4
VEE 7
X0/I
Y0/I
13 TUNER1L
3 TUNER1R
MC14052
AF-GND

PIN8-S4
27K RX34
AF-GND
560R RX36
27K RX38
560R RX40
CX21 100nF
BC848
PIN8-S3
VIDEO SIG
CAM-L
SCART1-R
TUNER1R
CAM-R
+12V
CX28 22nF

IX05

MAC-R
MAC-L
TUNER2L
TUNER2R
NOT-BIT1
NOT-BIT0
INHI BIT2
INH 6
A 10
B 9
X0 12
X1 14
X2 15
X3 11
Y0 1
Y1 5
Y2 2
Y3 4
VEE 7
X0/I
Y0/I
CX46 1uF
CX47 1uF
CX48 22nF
AF-GND
MC14052

IX06

INH 6
A 10
B 9
X0 12
X1 14
X2 15
X3 11
Y0 1
Y1 5
Y2 2
Y3 4
VEE 7
X0/I
Y0/I
13 S2-LEFT
3 S2-RIGHT
CX49 22nF
AF-GND
MC14052

IX10= S
VIDEO (
SELEC

IX09= S
CHROMA
SELEC

IX06 & 7= SCART 2
AUDIO OUTPUT
SELECTION

+12V
RY11 10k
TX21 BC848
AF-GND
RY10 4k7
TU2-MUTE

CONTROL SIGNALS

IX08= MAIN
CHROMA SWITCH

CX29 22nF
GND
RY53 4k7
RY51
+5V
SCART2-S

MUTE DETECT CIRCUIT

+12V
TX22 BC848
MUTE-SEL
GND
RY27 2k7
8K2
RY29
RY31 8k2
RY33 2k7
CX70 22nF
CX71 100uF
RY35 47k
CX73 4.7nF
BC858
TX23
CV-T1
CX68 2.2uF
DX02 1N
CV-T2
CX69 2.2uF
DX03 1N
RY34 220R
5n6F
CX72
RY30 10k
RY32 27k
CX18 1n
RY36 820k
RY37 2k7
RY38 10k
RY39 10k
CX74 1n
CX75 1n
CX76 1n
CX77 2.2uF
GND
+5V
RY40 13k 1%
RY41 27k
NE567N
IX13
CY13 100nF
RY44 47k
10k RY45
RY43 13k 1%
CY12 4n7 2.5%
CX78 2.2uF
CY11 10n
RY42 68K
DX12 1N
DX13 1N
MUTE-DET
RY46 10k
TX24 BC848

SCART 2 OUTPUT SELECTION

SC2-BIT OUTPUT			
2	1	0	
0	0	0	MAC Y/C
0	0	1	TUNER 2 LL
0	1	0	TUNER 2 LR
0	1	1	TUNER 2 RR
1	0	0	INVALID
1	0	1	CAMCORDER
1	1	0	TUNER 1
1	1	1	SCART 1

SC2-BIT2
SC2-BIT1

TO BX03 PIP TV 6000
PIP OUTPUT
BX03
MICS14
1 2 3 4 5 6 7 8 9 10 11 12 13 14

TO BM04 FCB HS 1002
FRONT PANEL INPUT
MICS6
BX08
1 2 3 4 5 6
ND
-GND

VIDEO SIG

PIN8-S3

BC848

27K RX34 · 560R RX35 · 27K RX36 · 560R RX40 · CX21 100nF · AF-GND

MC14052 (IX05)

INH · A · B · X0 · X1 · X2 · X3 · Y0 · Y1 · Y2 · Y3 · VEE · XO/I · YO/I

MAC-R · MAC-L · TUNER2L · TUNER2R · NOT-BIT1 · NOT-BIT0 · INH BIT2

MC14052 (IX06)

13 S2-LEFT · 3 S2-RIGHT · CX49 22nF · AF-GND

CAM-L 15 · SCART1-R 1 · TUNER1R 5 · CAM-R 2 · +12V · CX28 22nF

MC14052

S2-LEFT

RX67 75R · CX34 10uF · RX70 75R · RX69 560R · CX35 100nF · BC848 TX11 · BC848 TX12 · AF-GND

RX78 22K · RX80 56 · TX13 · TX14 · BC848 · BC848 · RX79 11K · RX81 220 · RX83 220R · GND · 1nF CX36 · S2-OUTC

RX81 560R · RX83 560R · AF-GND

OUTS1-R 11 · TUNER1R 12 · TUNER2R 13 · CAM-R 14 · TUNER-R 1uF CY09 15 · TUNER-L 1uF CY10 16 · CAM-L 17 · TUNER2L 18 · TUNER1L 19 · OUTS1-L 20

IX11 HA11508

AUDIO SIGNALS

IX10= SCART 2 VIDEO OUTPUT SELECTION

IX09= SCART 2 CHROMA OUTPUT SELECTION

+12V · MAC-Y/V · S2-OUTY · S2-OUTV · CX18 4.7pF · GND

100nF CX50 · 22nF CX51 · GND · 10uF CX54 · 560R RY14

HA11513

9 · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 1

8 TUNER2V · 7 SC2-BIT1 · 6 CAM-Y/V · 5 · 4 · 3 SCART1-V · 2 SC2-BIT0 · 1 TUNER1V

10uF CX55 · CX56 · 10uF · 10uF CX57 · CX58 · 10uF

GND · IX10 · GND

100nF CX53 · GND · SC2-BIT3

CONTROL SIGNALS

RGB SIGNALS

GND · GND · 100p CX20 · 1nF CX16 · 1k2 RZ20

TUNER-R 11 · SCART1-R 12 · SCART2-R 13 · RIGHT 14 · LEFT 15 · SCART2-L 16 · SCART1-L 17 · TUNER-L 18

RZ21 1k2 · CY21 100p · CY17 1nF · GND · GND

IX12 HA11508

SCART2-S

LA7221 IX08

IX08= MAIN CHROMA SWITCH

CX79 22nF · GND · CX80 SCART2-C 10uF · CX81 CAM-C 10uF · CHROMA

RY52 4k7 · RY53 4k7 · RY54 11k · RY55 11k · CX82 22nF · GND

+5V

LA7221 IX09

CAM-C 10uF CX83 · MAC-C 10uF CX84 · SC2-BIT0 · SC2-COFF · S2-OUTC

RY56 4k7 · RY57 4k7 · CX85 22nF · RY58 11k · CX86 22nF · RY59 11k · GND

CONTR

1nF CX87 · GND · +5V · RESET

IX04

RY63 4k7 · RY64 4k7

GP-CLK 1 · GP-DAT 2 · 3 · 4X3-S2 4 · PIN8-S2 5 · PIN8-S1 6 · 4X3-S1 7 · FBDETECT 8 · PIN8-S4 9 · PIN8-S3 10 · MUTE-DET 11 · TU2-MUTE 12 · MUTE-SEL 13 · GND 14

TCE2ACK

CLK 28 · DIN 27 · DOUT 26 · A7 25 · A6 24 · A5 23 · A4 22 · A3 21 · A2 20 · A1 19 · A0 18 · C3 17 · C2 16 · GND 15 · RESET · ADR2N · ADR3N · B0 · B1 · B2 · B3 · B4 · B5 · B6 · B7 · C0 · C1 · VCC

GND · 22nF CX95 CX96 · GND

IT

+5V · MUTE-DET · RY46 10k · TX24 · BC848

CY13 100nF · RY44 47k · 10k RY45 · RY43 13k 1% · CY12 4n7 2.5% · CX38 2.2uF

E567N IX13

SCART 2 OUTPUT SELECTION

SC2-BIT			OUTPUT
2	1	0	
0	0	0	MAC Y/C
0	0	1	TUNER 2 LL
0	1	0	TUNER 2 LR
0	1	1	TUNER 2 RR
1	0	0	INVALID
1	0	1	CAMCORDER
1	1	0	TUNER 1
1	1	1	SCART 1

SC2-BIT2 · SC2-BIT1

BC858 TX27 · RY73 4k7 · RY74 100k · 10k RY75 · FB-FORCE

FBDETECT · CX89 4n7 · BC858 TX28 TX29 · 560R RY76

BLANK-S1 · 4k7 RY77 · BC848 · 220R

+5V · SC2-BIT2 · 1N DX04 · 1N · RY80 4k7 · RY82 4k7

MC14052
IX08
IX09
IX10
IX11
IX12
IX04
HA11513
HA11508
TCE2ACK
LA7221
VIDEO BUFFER
AUDIO SIGNALS
CONTROL SIGNALS
RGB SIGNALS
VIDEO SIGNALS
CART 2 OUTPUT TION
CART 2 OUTPUT TION
X0/I
Y0/I
VEE
S2-LEFT
AF-GND
S2-OUTC
S2-OUTY
S2-OUTV
MAC-Y/V
SC2-BIT3
SC2-BIT2
SC2-BIT1
SC2-BIT0
SCART2-C
CAM-C
CHROMA
MAC-C
BLANK-S1
FB-FORCE
FBDETECT
INHIBIT1
INHIBIT2
TUNER2V
TUNER1V
CAM-Y/V
SCART1-V
SCART2-V
TUNER-V
CAM-S
TUNER2-S
TUNER1V
SCART1-S
SCART2-S
TUNER-V
LUMA
OUTS1-R
TUNER1R
TUNER2R
CAM-R
TUNER-R
CAM-L
TUNER2L
TUNER1L
OUTS1-L
SCART1-R
SCART2-R
RIGHT
LEFT
SCART2-L
SCART1-L
TUNER-L
GP-CLK
GP-DAT
4X3-S2
PIN8-S2
PIN8-S1
4X3-S1
FBDETECT
PIN8-S4
PIN8-S3
MUTE-DET
TU2-MUTE
MUTE-SEL
RESET
4K7x8COMMON
SCART1-S
SCART2-S
FB-FORCE
FB-CLEAR
SC2-BIT0
SC2-BIT1
SC2-BIT2
CAM-S
TUNER2-S
MAC-SW
+12V
+5V
GND
AF-GND
BC848
BC858
1N

BC848
AF-GND
TU2-MUTE 4k7 RY10
CX48 22nF
AF-GND
MC14052
Y3
VEE
AF-GND
MC14052
CX49 22nF
AF-GND
CONTROL SIGNALS
SELECT
SCART2-S
IX08= MAIN
CHROMA SWITCH
CX78 22nF
GND
RY52 4k7
RY53 4k7
+5V
CX82
MUTE DETECT CIRCUIT
+12V
TX22
MUTE-SEL
BC848
GND
RY27 2k7
8K2
RY29
RY31 8k2
RY33 2k7
CX30 22nF
CX31 100uF
GND
RY35 47k
CX33 4.7nF
BC858
TX23
CV-T1
CX68 2.2uF
DX02 1N
CV-T2
CX69 2.2uF
DX03 1N
RY34 220R
5n6F
CX72
10k
RY30
RY32 27k
CX19 1n
RY36 820k
RY37 2k7
RY38 10k
RY39 10k
CX74 1n
CX75 1n
CX76 1n
CX27 2.2uF
GND
RY40 13k 1%
RY41 27k
10n
CX11
RY42 68K
DX12 1N
DX13 1N
NE567N
IX13
+5V
CX13 100nF
RY44 47k
10k
RY45
RY43 13k 1%
CX12 4n7 2.5%
CX28 2.2uF
RY46 10k
TX24
BC848
MUTE-DET
SCART 2 OUTPUT SELECTION

SC2-BIT OUTPUT			
2	1	0	
0	0	0	MAC Y/C
0	0	1	TUNER 2 LL
0	1	0	TUNER 2 LR
0	1	1	TUNER 2 RR
1	0	0	INVALID
1	0	1	CAMCORDER
1	1	0	TUNER 1
1	1	1	SCART 1

SC2-BIT2
SC2-BIT1
SC2-BIT0
RGB AND CHROMA SIGNALS
VIDEO SIGNALS
AUDIO SIGNALS
TO BX03 PIP TV 6000
PIP OUTPUT
BX03
MICS14
1 2 3 4 5 6 7 8 9 10 11 12 13 14
GND
TUNER1V
MAC-Y/V
MAC-C
TUNER2V
SCART2-Y
SCART2-C
S2-OUTY
S2-OUTC
RY93 220R
RY92 560R
GND
TO BM04 FCB HS 1002
FRONT PANEL INPUT
MICS6
BX08
1 2 3 4 5 6
47pF CX14
CAM-Y/V
GND
CAM-C 47pF CX15
CAM-R
CAM-L
AF-GND
TUNER2-L
TUNER2-R
MAC-SW
MAC-L
MAC-R
LEFT
2.2uF CX80
RIGHT
2.2uF CX81
TUNER1-R
TUNER1-L
TUNER1-V
MAC-C
TUNER2-V
RY16 75R 1%
RY94 75R 1%
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
AF-GND
BX01
GND
TO BX01
RY95 75R 1%
SCART1-V
MAC-Y/V
RED
GREEN
BLUE
BLANKING
1 2 3 4 5 6 7 8
GND
SIGNAL PROCESSING MAIN BOARD SPMB HS 1000

CX68 22nF
AF-GND
7 VEE
MC14052
CX69 22nF
AF-GND
4 Y3
7 VEE
MC14052
AF-GND
CHROMA OUTPUT SELECTION
CX53 100nF
GND
SC2-BIT3
GND
1X10
10uF
GND
CONTROL SIGNALS
RGB SIGNALS
SCART1-L
SCART2-L
TUNER-L
CONTROL SIGNALS
1X08= MAIN CHROMA SWITCH
SCART2-S
LA7221
1X08
CX79 22nF
GND
CX80 SCART2-C 10uF
CX81 CAM-C 10uF
CHROMA
RY54 11k
RY52 4k7
RY53 4k7
+5V
CX82 22nF
RY55 11k
GND
LA7221
1X09
CAM-C 10uF CX83
MAC-C 10uF CX84
SC2-BIT0
SC2-COFF
S2-OUTC
RY56 4k7
RY57 4k7
CX85 22nF
RY58 11k
CX86 22nF
RY59 11k
GND
RY63 4k7
RY64 4k7
GP-CLK
GP-DAT
4X3-S2
PIN8-S2
PIN8-S1
4X3-S1
FBDETECT
PIN8-S4
PIN8-S3
MUTE-DET
TU2-MUTE
MUTE-SEL
UTE DETECT CIRCUIT
+5V
RY48 13k 1%
RY61 27k
NE567N
1X13
CX76 1n
10n
CX77 1n
CX11
RY42 68K
2.2uF
DX12 1N
DX13 1N
GND
CX13 100nF
RY44 47k
10k
RY45
RY43 13k 1%
CX12 4n7 2.5%
CX78 2.2uF
TX24 BC848
RY46 10k
MUTE-DET
SCART 2 OUTPUT SELECTION
SC2-BIT OUTPUT
2 1 0
0 0 0 MAC Y/C
0 0 1 TUNER 2 LL
0 1 0 TUNER 2 LR
0 1 1 TUNER 2 RR
1 0 0 INVALID
1 0 1 CAMCORDER
1 1 0 TUNER 1
1 1 1 SCART 1
SC2-BIT2
SC2-BIT1
SC2-BIT0
BC858
10k RY75
TX27
RY73 4k7
RY74 100k
FB-FORCE
FBDETECT
CX88 4n7
BC858 TX28 TX29
560R RY76
BLANK-S1
4k7 RY77
220R RY78
BC848
GND
BLANKING
TX30
RZ19 0R0 (OPTION_LINK)
FB-CLEAR
BC848
GND
MAC-SW
+5V
(Source)
(Source) +12V
100uF CX92
100uF CX93
GND
+5V
+12V
GND
SC2-BIT2
SC2-BIT1
SC2-BIT0
1N DX04
1N DX05
1N DX06
1N DX07
1N DX08
1N DX09
RY80 4k7
47k RY79
TX31 BC848
GND
SCART 2 OUTPUT SELECTI DECODING HARDWARE AND LEVEL SHIFTING
RGB AND CHROMA SIGNALS
VIDEO SIGNALS
TUNER2-L
TUNER2-R
MAC-SW
MAC-L
MAC-R
LEFT
RIGHT
2.2uF CX90
2.2uF CX91
TUNER1-R
TUNER1-L
TUNER1-V
MAC-C
TUNER2-V
RZ18 75R 1%
RY96 75R 1%
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
AF-GND
BX01
TO BX01
GND
RY95 75R 1%
SCART1-Y
MAC-Y/V
RED
GREEN
BLUE
BLANKING
LUMA
CHROMA
GP-DAT
GP-CLK
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
GND
BX02
TO BX02
SIGNAL PROCESSING MAIN BOARD SPMB HS 1000

TION

CONTROL SIGNALS

RGB SIGNALS

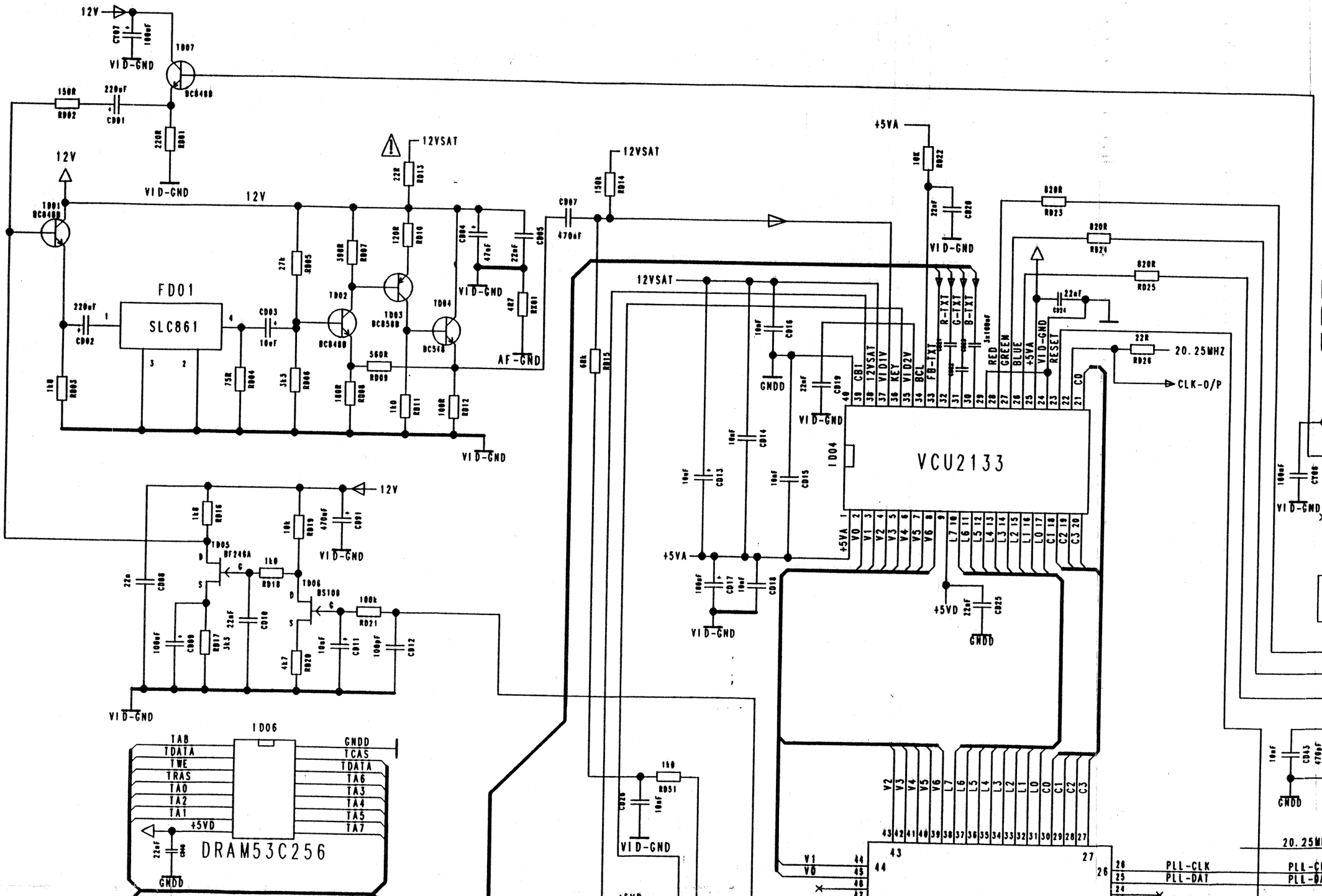
CONTROL SIGNALS

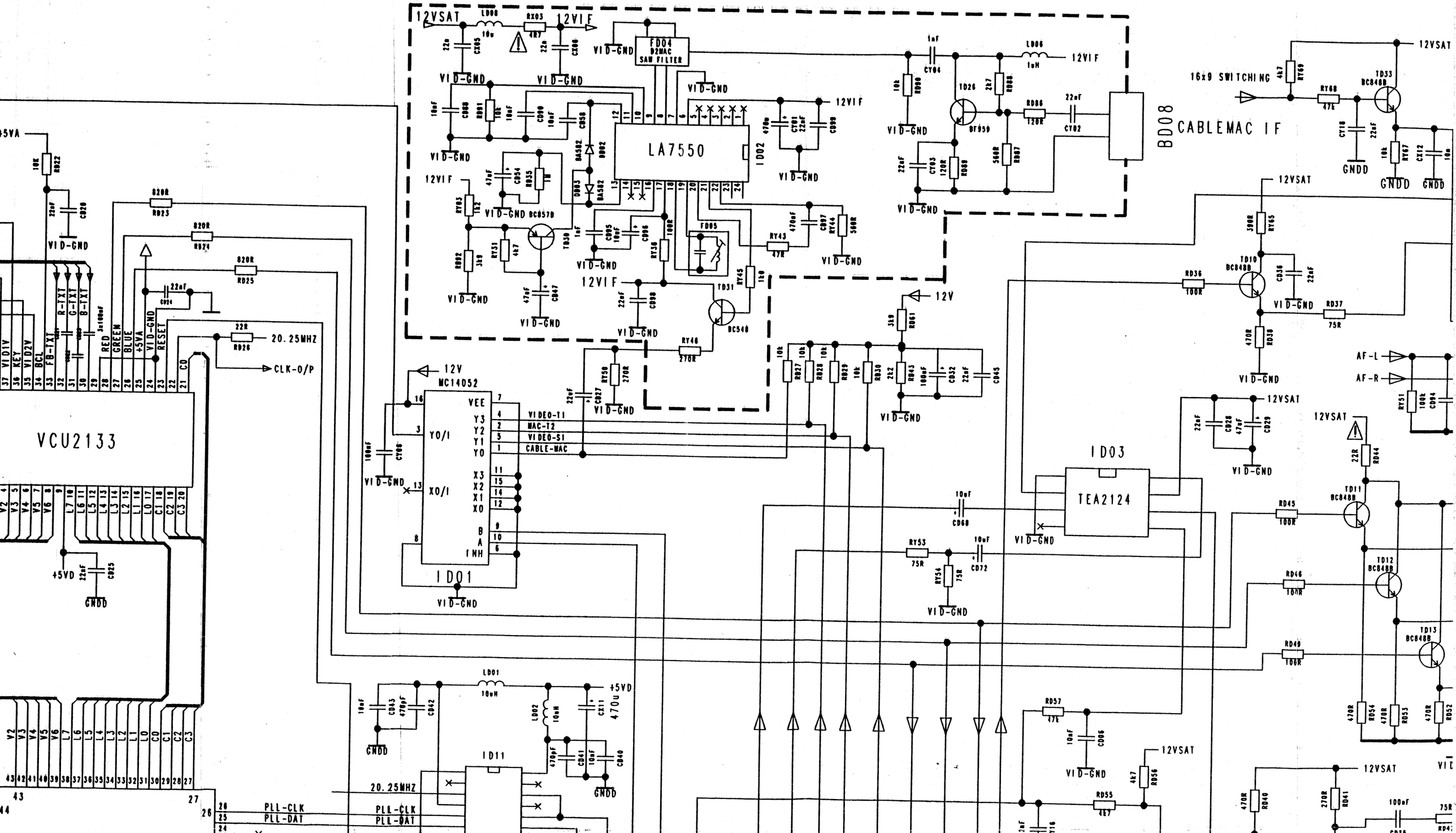
VIDEO SIGNALS

CONTROL SIGNALS

SCART 2 OUTPUT SELECTION
DECODING HARDWARE
AND LEVEL SHIFTING

TO BX02


12V
C707 100nF
VID-GND
TD07 BC848B
150R RD02
220uF CD01
220R RD01
VID-GND
12V
TD01 BC848B
12V
12VSAT
22R RD13
120R RD10
CD04 47nF
CD05 22nF
VID-GND
27k RD05
390R RD07
TD02
TD03 BC858B
TD04 BC548
VID-GND
487 RD01
AF-GND
FD01
220uF CD02
SLC861
CD03 10nF
1k8 RD03
75R RD04
3k3 RD06
100R RD08
560R RD09
1k0 RD11
100R RD12
VID-GND
12V
1k8 RD16
10k RD19
470uF CD01
VID-GND
TD05 BF246A
1k0 RD18
TD06 BS108
100k RD21
22n CD08
100nF CD09
RD17 3k3
22nF CD10
4k7 RD20
10nF CD11
100nF CD12
VID-GND
12VSAT
150R RD14
CD07 470nF
45VA
10K RD22
22nF CD20
VID-GND
12VSAT
68k RD15
10nF CD16
GNDD
22nF CD19
VID-GND
10nF CD13
10nF CD14
10nF CD15
IDO4
VCU2133
38 CBT
37 VIDIV
36 KEY
35 VID2V
34 BCL
33 FB-TXT
32 R-TXT
31 G-TXT
30 B-TXT
29 RED
28 GREEN
27 BLUE
25 +5VA
24 VID-GND
23 RESET
22 CO
21 CO
+5VA
+5VA
10nF CD17
10nF CD18
VID-GND
+5VD
22nF CD25
GNDD
820R RD23
820R RD24
820R RD25
22nF CD24
22R RD26
20.25MHZ
CLK-O/P
IDO6
TA8
TDATA
TWE
TRAS
TA0
TA2
TA1
GNDD
TCAS
TDATA
TA6
TA3
TA4
TA5
TA7
+5VD
22nF CD06
DRAM53C256
GNDD
1k0 RD51
10nF CD26
VID-GND
V2 V3 V4 V5 V6 L7 L6 L5 L4 L3 L2 L1 L0 C0 C1 C2 C3
43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27
V1 44
V0 45
43
44
27
26
PLL-CLK
PLL-DAT
20.25MHZ
10nF CD43
470nF CD42
GNDD


12VSAT
12VIF
LD08
10u
RX03
4R7
22n
CX05
CX06
VID-GND
FD04
D2MAC
SAW FILTER
LA7550
ID02
CD88
RD91
10K
CD90
CD58
BA582
DD02
DD03
CD54
RD35
1M
RY63
1K2
RD92
3k9
RY31
4k7
TD30
BC857B
CD95
10nF
CD96
RY36
100R
FD05
RY43
47K
CD97
RY44
560R
CD47
TD31
BC548
RY45
1k0
RY46
270R
CD98
RY50
270R
CD27
12V
MC14052
ID01
VEE
Y3
Y2
Y1
Y0
X3
X2
X1
X0
B
A
INH
YO/I
XO/I
VIDEO-T1
MAC-T2
VIDEO-S1
CABLE-MAC
CY06
CY04
1nF
LD06
1uH
RD90
10k
TD26
BF959
RD88
2k7
RD86
120R
CY02
22nF
CY03
RD89
RD87
CY01
470u
CD99
BD08
CABLEMAC IF
16x9 SWITCHING
RY69
4k7
RY68
47k
TD33
BC848B
CY10
GNDD
RY67
CX12
10n
ID03
TEA2124
RD27
RD28
RD29
RD30
RD61
3k9
RD43
100nF
CD32
CD45
CD28
CD29
RD44
22R
TD11
BC848B
RD45
100R
RD46
100R
TD12
BC848B
RD49
100R
TD13
BC848B
RY53
75R
RY54
CD72
CD68
RD65
390R
TD10
BC848B
RD36
100R
CD36
RD37
75R
RD38
470R
AF-L
AF-R
RY51
100k
CD84
RD57
47k
CD66
RD55
4k7
RD56
RD40
RD41
RD54
RD53
RD52
+5VD
LD01
10uH
LD02
CD43
470pF
CD42
CD41
CD40
CD11
470u
GNDD
ID11
20.25MHZ
PLL-CLK
PLL-DAT
VCU2133
RD22
22nF
CD20
+5VA
820R
RD23
RD24
RD25
CD24
22R
RD26
CLK-O/P
RED
GREEN
BLUE
RESET
R-TXT
G-TXT
B-TXT
FB-TXT
KEY
BCL
VID1V
VID2V
CD25
+5VD

BD08 CABLEMAC IF

SCART-B

LA7550

TEA2124

BD07

ID01

ID02

ID03

ID11

FD04 D2MAC SAW FILTER

FD05

16x9 SWITCHING

12VIF

12VSAT

12V

VID-GND

AF-GND

GNDD

+5VD

CLK-O/P

20.25MHz. 14

MAC-C 13

MAC-Y

VIDEO-T1

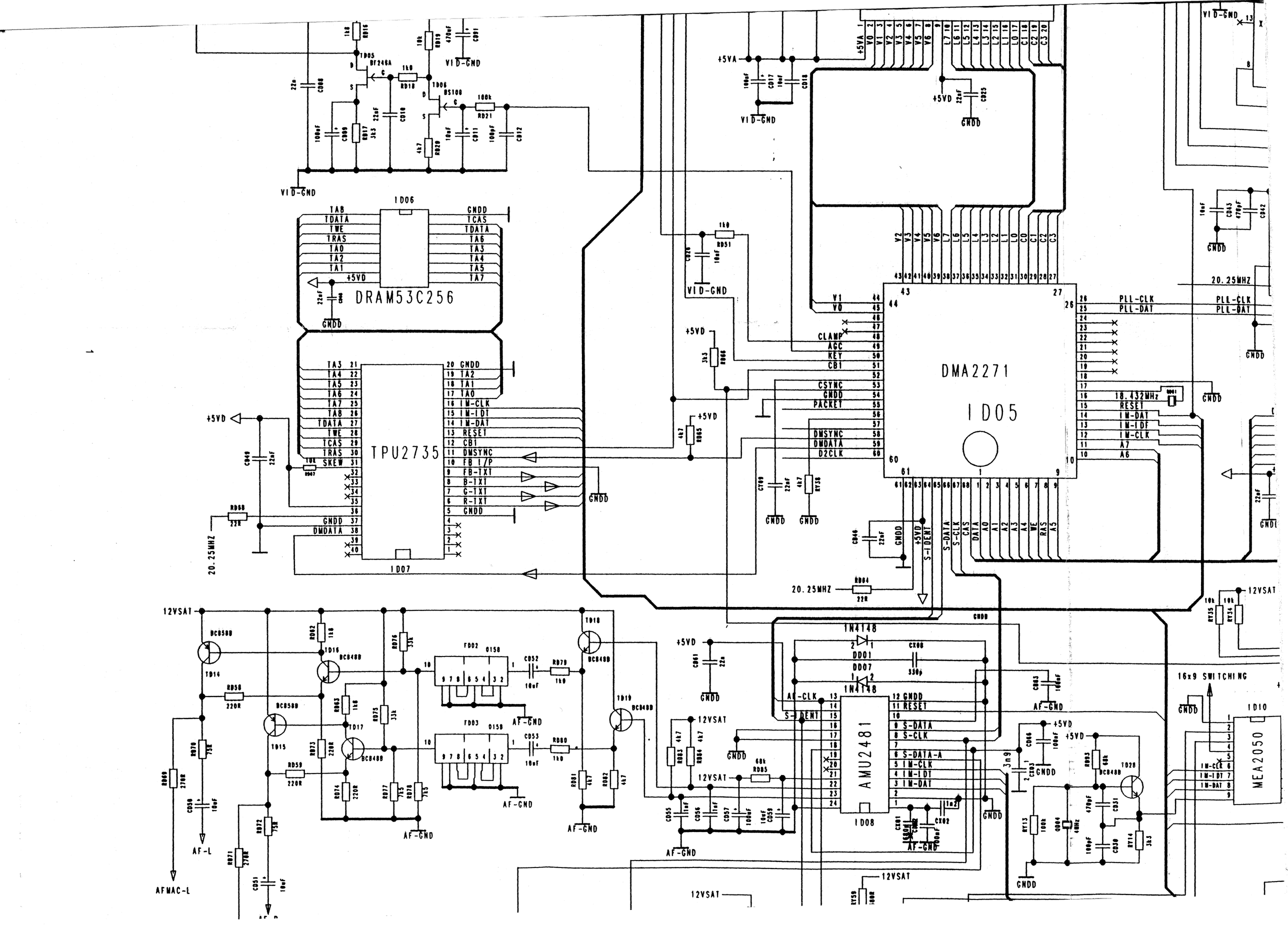
MAC-T2

VIDEO-S1

CABLE-MAC

AF-L

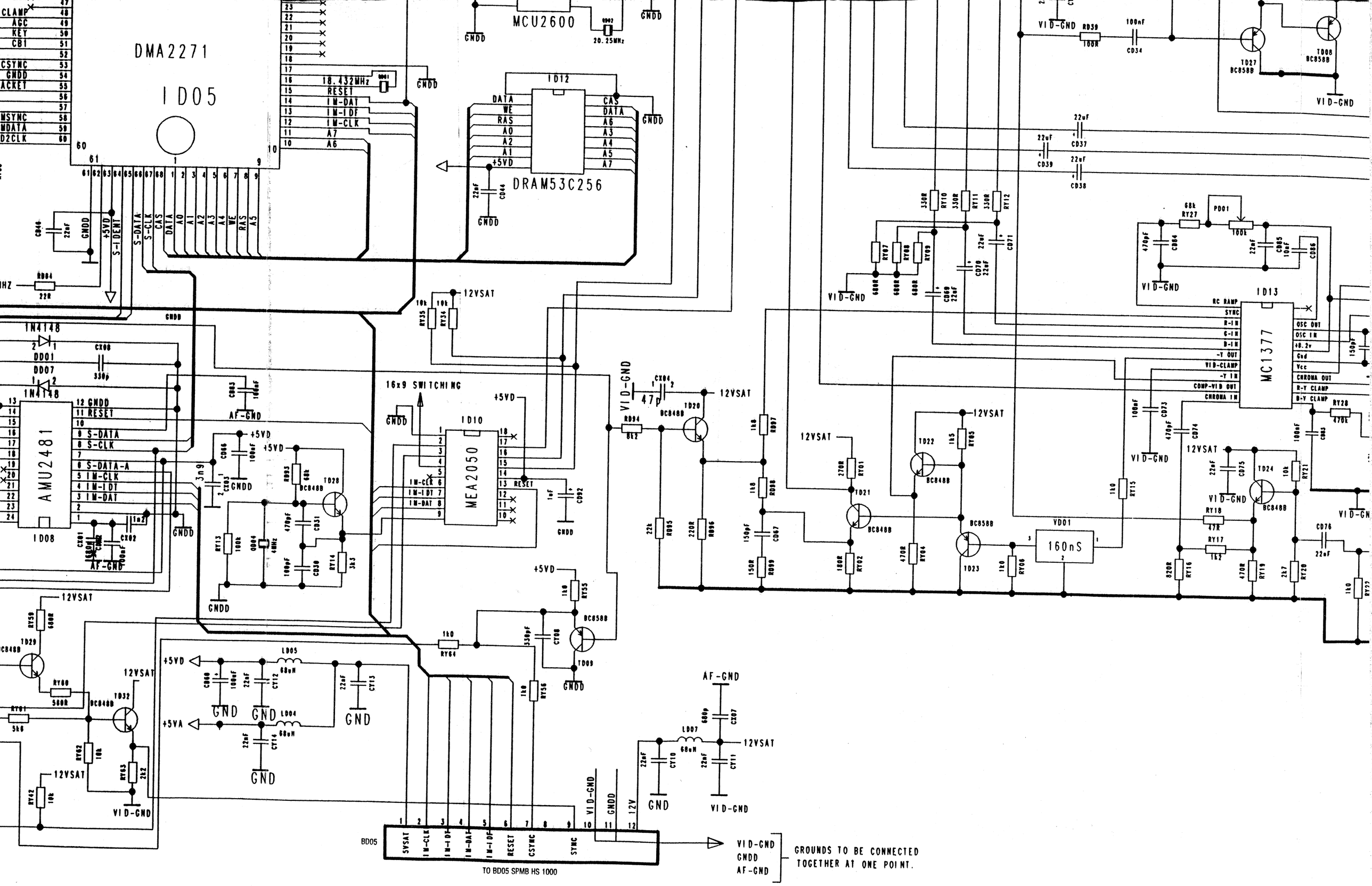
AF-R


VID-GND
BF246A
BS108
+5VA
+5VD
GNDD
DRAM53C256
ID06
TPU2735
ID07
DMA2271
ID05
20.25MHZ
PLL-CLK
PLL-DAT
18.432MHz
RESET
IM-DAT
IM-IDF
IM-CLK
A7
A6
S-DATA
S-CLK
CAS
DATA
WE
RAS
S-IDENT
12VSAT
AF-GND
AF-L
AFMAC-L
1N4148
AMU2481
ID08
16x9 SWITCHING
MEA2050
ID10
BC858B
BC848B

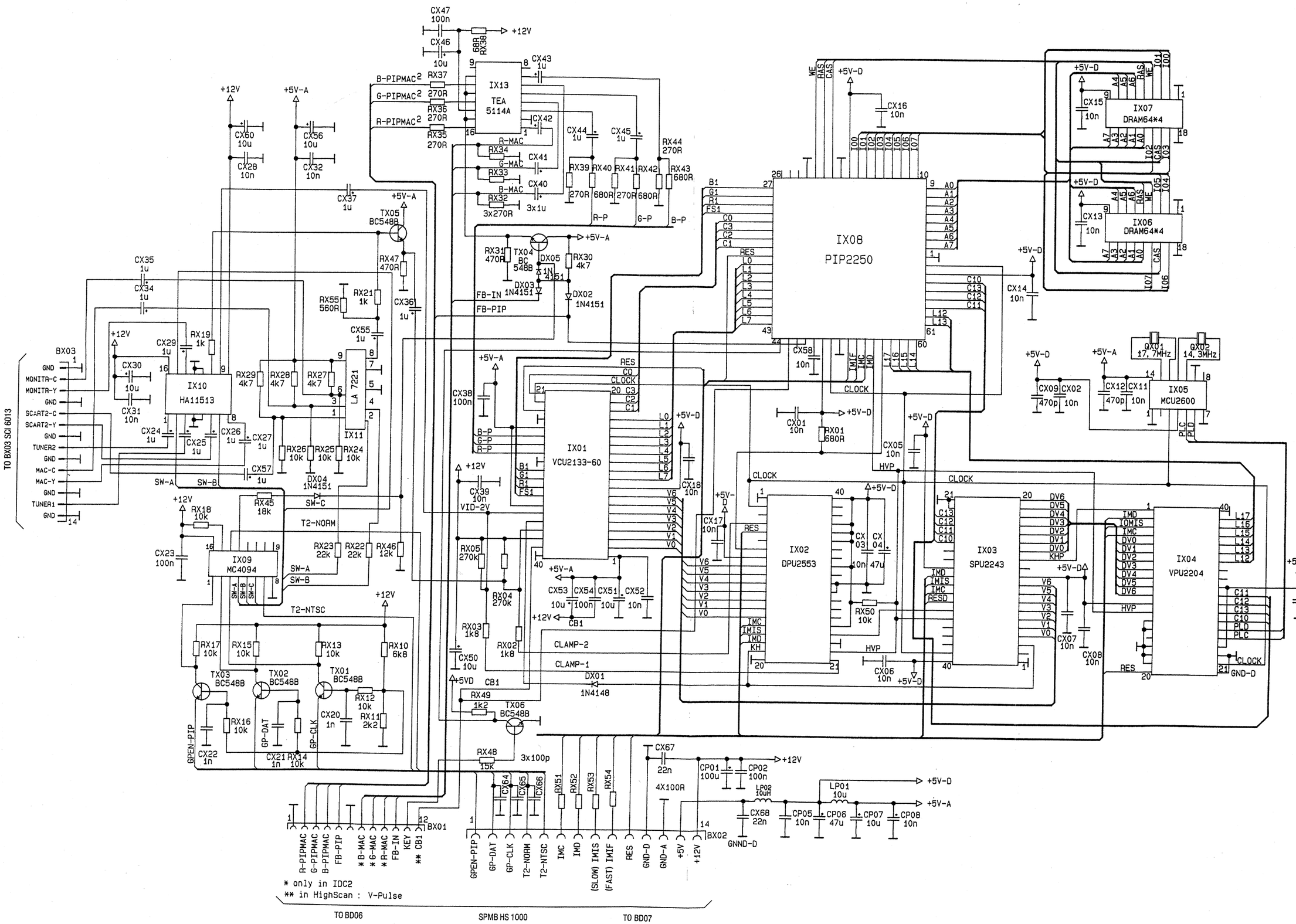
DMA2271
ID05
MCU2600
ID11
DRAM53C256
ID12
AMU2481
ID08
MEA2050
ID10
MC1377
ID13
TEA2124
ID01
160nS
VD01
+5VD
+5VA
GNDD
VID-GND
12VSAT
20.25MHZ
18.432MHz
PLL-CLK
PLL-DAT
RESET
IM-DAT
IM-IDT
IM-CLK
S-DATA
S-CLK
S-IDENT
AF-CLK
AF-GND
16x9 SWITCHING
CLAMP
AGC
KEY
CBI
CSYNC
PACKET
DMSYNC
DMDATA
D2CLK
1N4148
BC848B
BC858B

TEA2124
MCU2600
DRAM53C256
MC1377
LD03 CHROMA-FILTER
160nS
BC848B
BC858B
BC558
12VSAT
VID-GND
GNDD
AF-GND
+5VD
CLK-O/P
20.25MHz.
MAC-C
R-MAC
G-MAC
B-MAC
MAC-Y/V
CV-S1
MAC
CV-T1
AFMAC-R
AFMAC-L
TO BD04 SPMB HS 1000
BD04

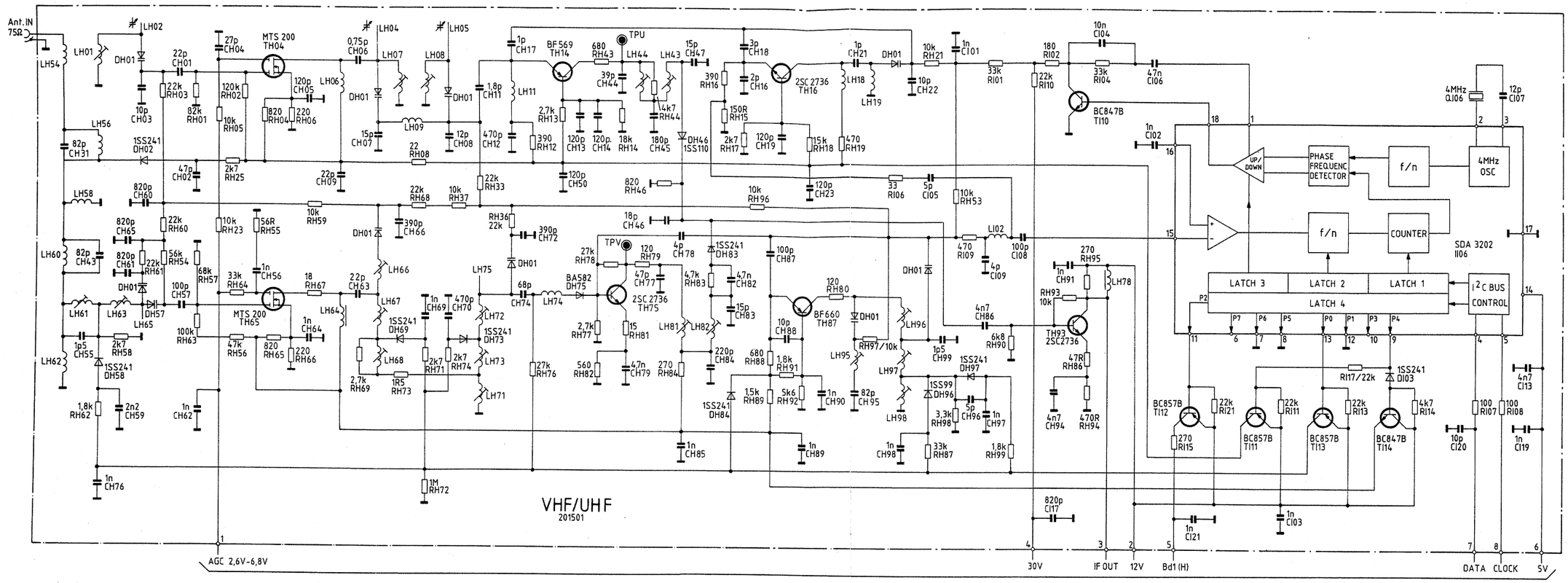
TPU2735
ID07
DMA2271
ID05
18.432MHz
RESET
IM-DAT
IM-IDF
IM-CLK
A7
A6
CLAMP
AGC
KEY
CBI
CSYNC
GNDD
PACKET
DMSYNC
DMDATA
D2CLK
S-DATA
S-CLK
CAS
DATA
A0
A1
A2
A3
A4
WE
RAS
A5
S-IDENT
20.25MHZ
+5VD
12VSAT
12VSA
GNDD
AF-GND
1N4148
AMU2481
ID08
AF-CLK
S-DATA
S-CLK
S-DATA-A
IM-CLK
IM-IDT
IM-DAT
16x9 SWITCHING
MEA2050
ID10
VID-GND
DG801DY
ID09
BD06
S-DATA OUT
S-CLOCK OUT
S-IDENT OUT
AF-CLOCK OUT(18.432MHz)
Y1D-GND
JD02
BD05
5VSAT
TO
AFMAC-L
AFMAC-R
AF-L
AF-R
GND
+5VA
20.25MHZ


DMA2271
ID05
MCU2600
20.25MHz
18.432MHz
RESET
IM-DAT
IM-IDF
IM-CLK
A7
A6
ID12
DRAM53C256
DATA
WE
RAS
A0
A2
A1
+5VD
CAS
A6
A3
A4
A5
A7
GNDD
S-DATA
S-CLK
CAS
DATA
A0
A1
A2
A3
A4
WE
RAS
A5
S-IDENT
VID-GND
RD39
100R
CD34
100nF
TD27
BC858B
TD08
BC858B
22uF
CD37
CD39
CD38
330R
RY10
RY11
RY12
RY07
RY08
RY09
CD70
CD71
CD69
CD84
CD85
CD86
68k
RY27
PD01
100k
ID13
MC1377
RC RAMP
SYNC
R-IN
G-IN
B-IN
-Y OUT
VID-CLAMP
-Y IN
COMP-VID OUT
CHROMA IN
OSC OUT
OSC IN
+8.2v
Gnd
Vcc
CHROMA OUT
R-Y CLAMP
B-Y CLAMP
RY28
470R
CD73
CD74
CD83
CD75
RY21
RY18
47R
RY17
1k2
CD76
22nF
RY22
RY15
RY16
RY19
RY20
820R
470R
2k7
1k0
VDD1
160nS
TD22
TD23
TD24
BC848B
BC858B
RY05
RY01
RY02
RY04
RY06
RD95
RD96
RD98
RD97
CD67
CD68
150pF
150R
180R
270R
1k8
1k5
12VSAT
AMU2481
ID08
12 GNDD
11 RESET
10
9 S-DATA
8 S-CLK
7
6 S-DATA-A
5 IM-CLK
4 IM-IDT
3 IM-DAT
2
1
CX01
CX02
CD01
CD02
1n2
100nF
AF-GND
GNDD
CD06
CD03
3n9
RD93
68k
TD28
BC848B
RY13
100k
QD04
4MHz
470pF
CD31
100pF
CD30
RY14
3k3
MEA2050
ID10
16x9 SWITCHING
IM-CLK
IM-IDT
IM-DAT
RESET
1uF
CD92
CX04
47p
TD20
BC848B
RD94
8k2
1k8
RD87
+5VD
1N4148
DD01
DD07
CX08
330p
CD63
100nF
AF-GND
IN4148
TD29
BC848B
RY59
680R
RY60
560R
RY61
5k6
TD32
BC848B
RY62
10k
RY63
2k2
RY42
10k
12VSAT
VID-GND
1k0
RY64
RY55
BC858B
TD09
330pF
CT08
1k0
RY56
GND
LD05
68uH
CD80
100uF
CT12
22nF
CT13
LD04
68uH
CT14
22nF
+5VA
LD07
68uH
CT10
22nF
CT11
22nF
CZ07
680p
AF-GND
VID-GND
BD05
5VSAT
IM-CLK
IM-IDF
IM-DAT
IM-IDF
RESET
CSYNC
SYNC
VID-GND
GNDD
12V
TO BD05 SPMB HS 1000
VID-GND
GNDD
AF-GND
GROUNDS TO BE CONNECTED
TOGETHER AT ONE POINT.

MCU2600
20.25MHz
GNDD
ID12
DRAM53C256
DATA
A6
A3
A4
A5
A7
CAS
WE
RAS
A0
A2
A1
5VD
VID-GND
RD39
100R
100nF
CD34
TD27
BC858B
TD08
BC858B
CD35
RD42
RD60
75R
22uF
CD37
CD39
CD38
R-MAC
G-MAC
B-MAC
MAC-Y/V
CV-S1
MAC
CV-T1
AFMAC-R
AFMAC-L
AF-GND
BD04
TO BD04 SPMB HS 1000
330R
RY10
RY11
RY12
RY07
RY08
RY09
CD70
CD69
CD71
68k
RY27
PD01
100k
470pF
CD84
22nF
CD85
10nF
CD86
ID13
MC1377
RC RAMP
SYNC
R-IN
G-IN
B-IN
-Y OUT
VID-CLAMP
-Y IN
COMP-VID OUT
CHROMA IN
OSC OUT
OSC IN
+8.2v
Gnd
Vcc
CHROMA OUT
R-Y CLAMP
B-Y CLAMP
150pF
CD81
150pF
CD82
CD80
6.8-45pF
0003
4.43MHz
470uF
CD87
22nF
CD89
12VSAT
RY30
100R
RY28
470k
RY29
470k
27k
RY40
47k
RY47
27k
RY48
47k
RY37
100nF
CD83
100nF
CD73
470pF
CD74
CD78
22uF
1k0
RY24
3k9
RY25
BC558
TD25
CX04
47p
TD20
BC848B
RD94
8k2
1k8
RD97
1k8
RD98
150pF
CD67
150R
RD99
270R
RY01
TD21
BC848B
180R
RY02
TD22
BC848B
1k5
RY05
470R
RY04
TD23
BC858B
1k0
RY06
VD01
160nS
1k0
RY15
22nF
CD75
TD24
BC848B
10k
RY21
RY18
47R
RY17
1k2
820R
RY16
470R
RY19
2k7
RY20
CD76
22nF
LD03
CHROMA-FILTER
1k0
RY22
1K0
RY23
8k2
RY26
22nF
CD77
22k
RD95
220R
RD96
+5VD
1k0
RY55
BC858B
330pF
CY08
TD09
1k0
RY56
RESET
1uF
CD92
AF-GND
680p
CZ07
LD07
68uH
22nF
CY10
22nF
CY11
12VSAT
GND
VID-GND
6
7
8
9
10
11
12
RESET
CSYNC
SYNC
VID-GND
GNDD
12V
VID-GND
GNDD
AF-GND
GROUNDS TO BE CONNECTED TOGETHER AT ONE POINT.
BD05 SPMB HS 1000

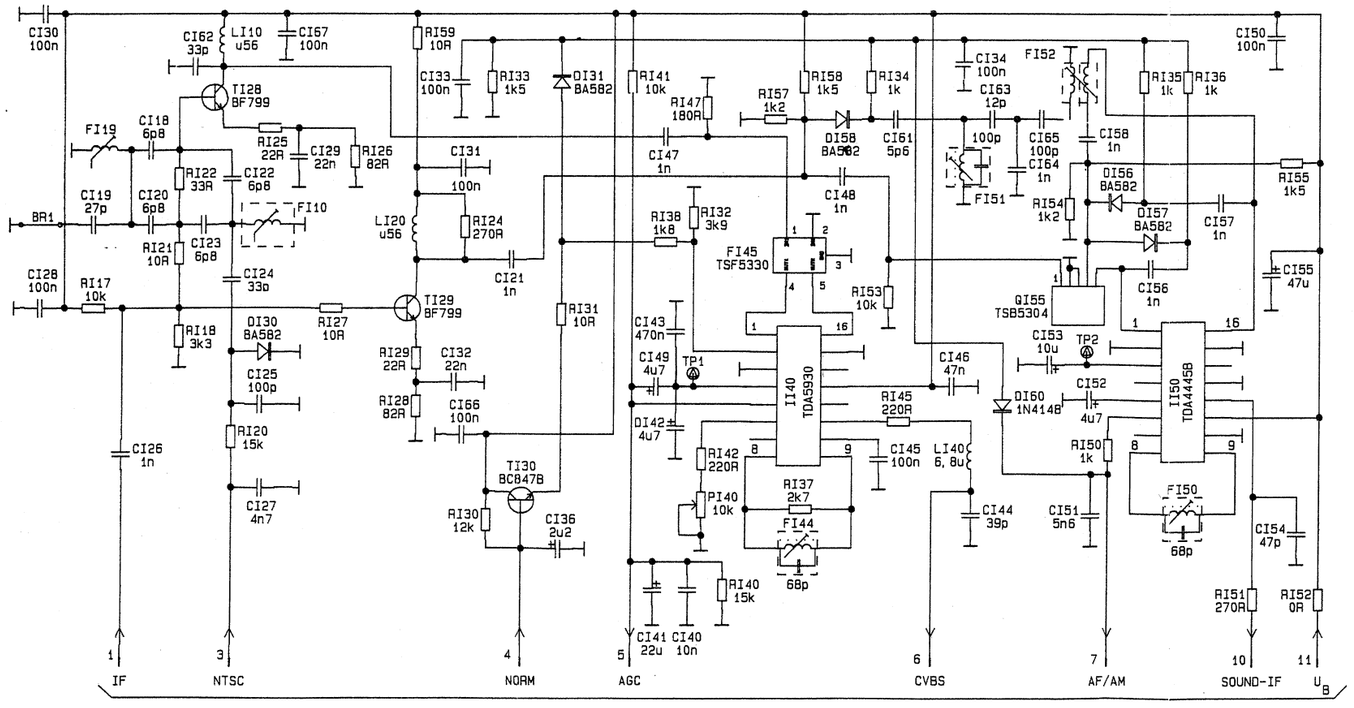

IX01 VCU2133-60
IX02 DPU2553
IX03 SPU2243
IX04 VPU2204
IX05 MCU2600
IX06 DRAM64*4
IX07 DRAM64*4
IX08 PIP2250
IX09 MC4094
IX10 HA11513
IX11 LA 7221
IX13 TEA 5114A
BX01
BX02
BX03
TO BX03 SCI 6013
* only in IDC2
** in HighScan : V-Pulse
TO BD06
SPMB HS 1000
TO BD07

MTP MM 2015



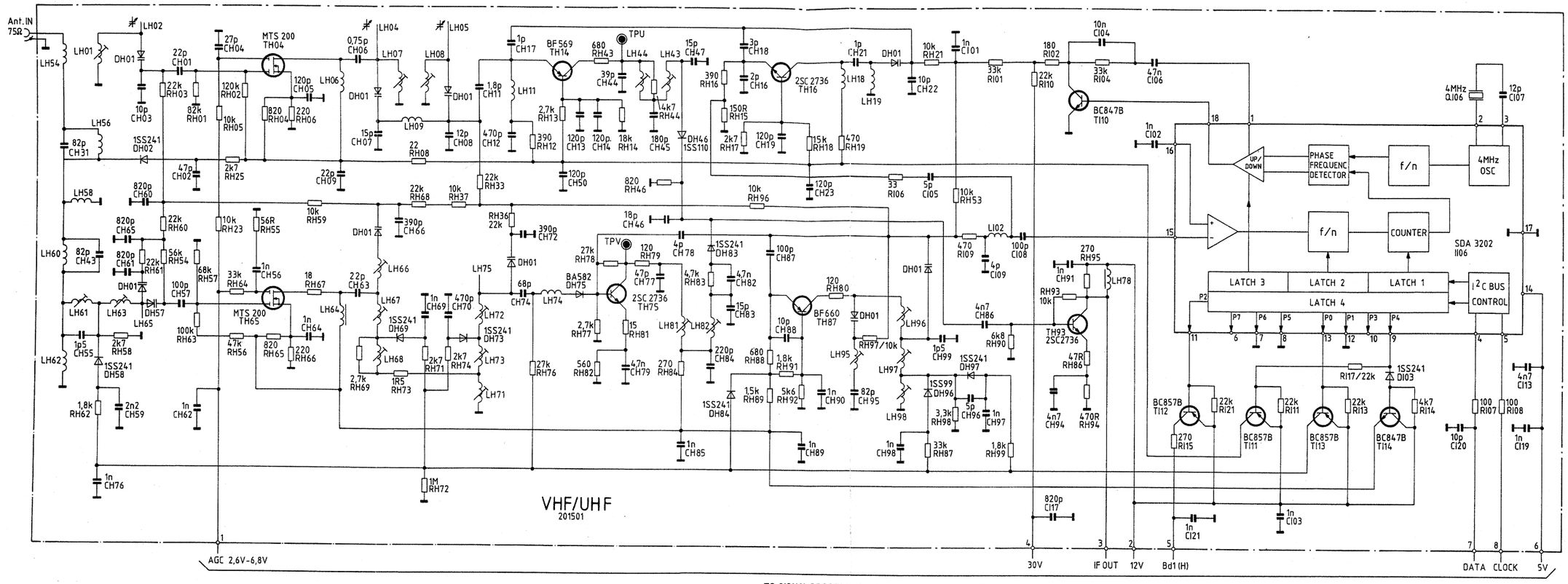
TO SIGNAL PROCESSING MAIN BOARD SPMB HS 1000

IF 2156

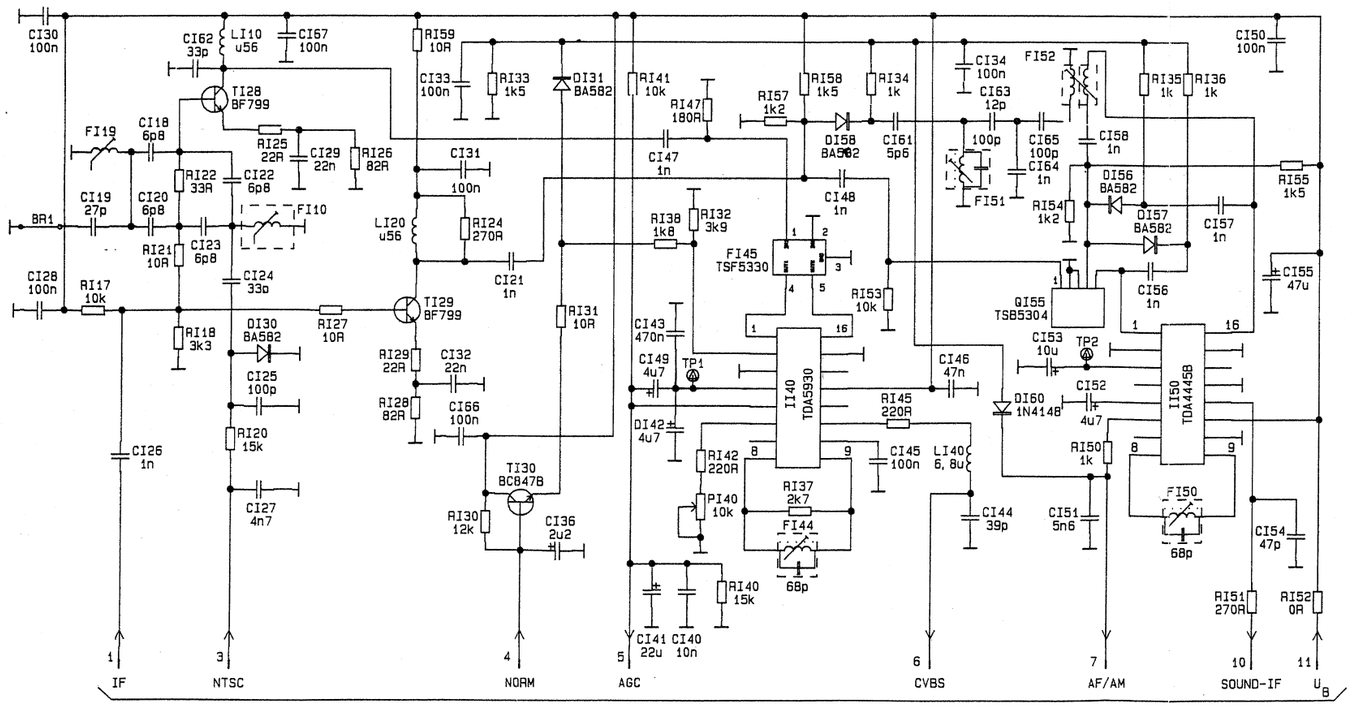


TO SIGNAL PROCESSING MAIN BOARD SMPS HS 1000

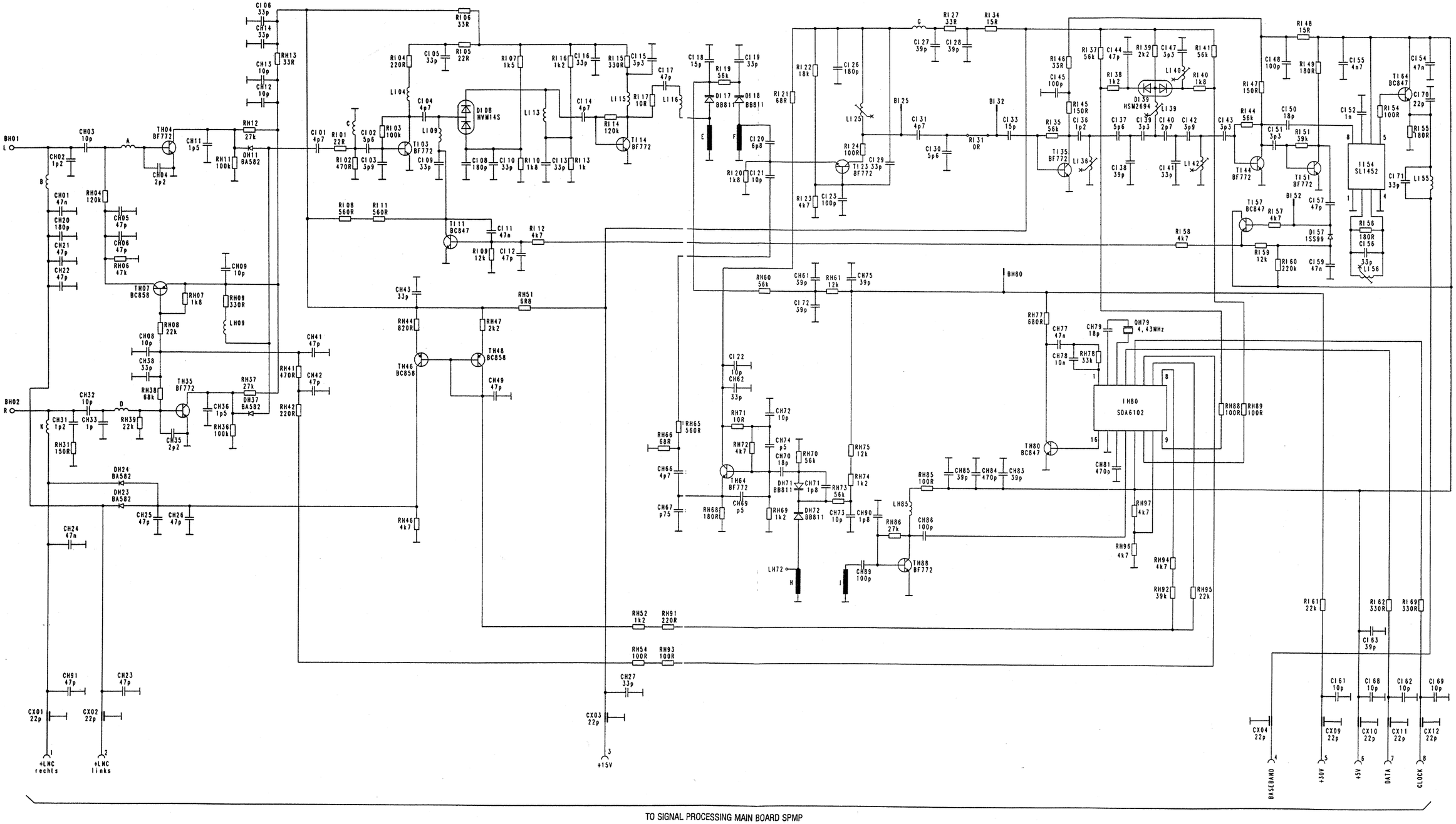
MTP MM 2015

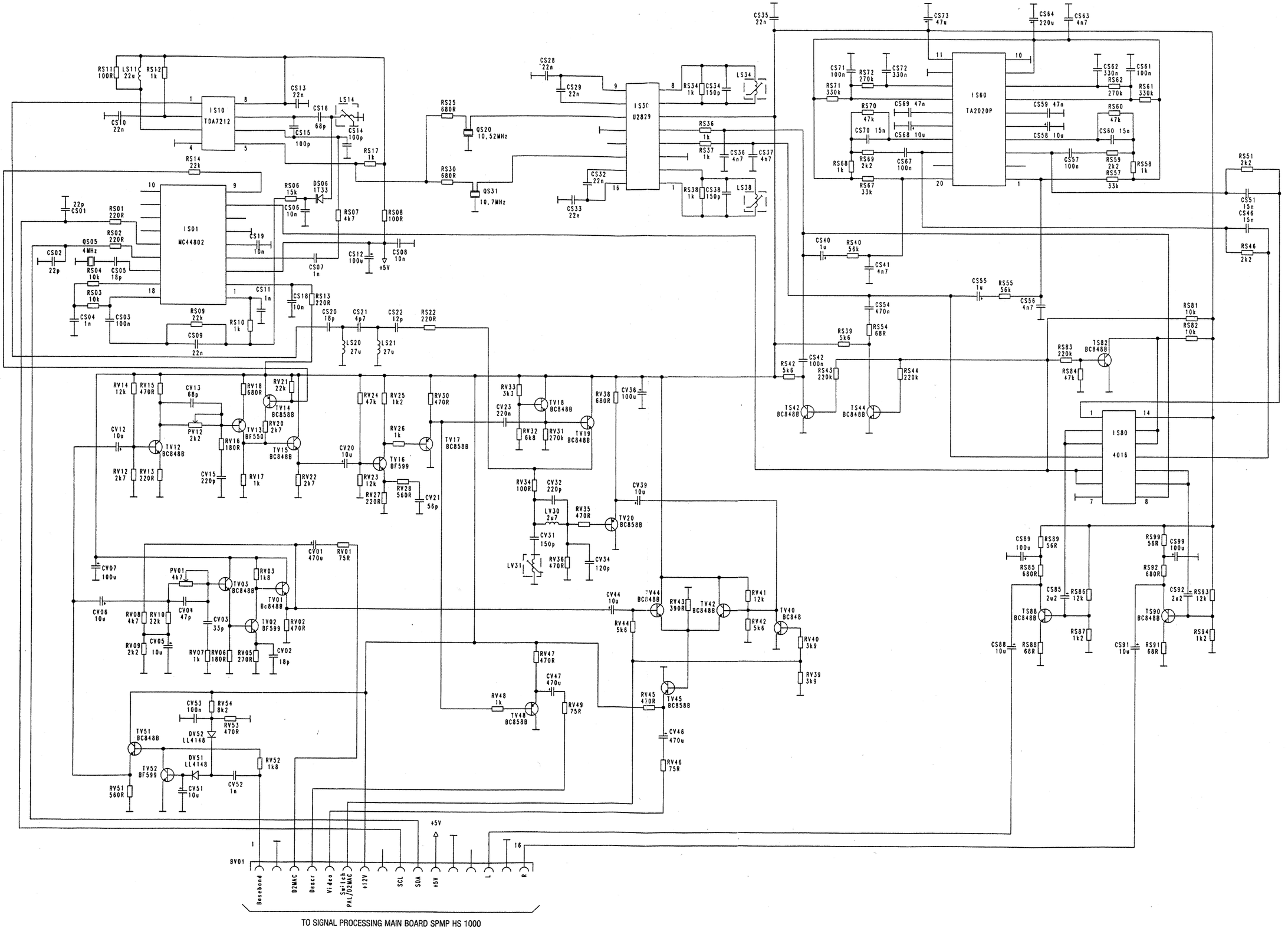


IF 2156



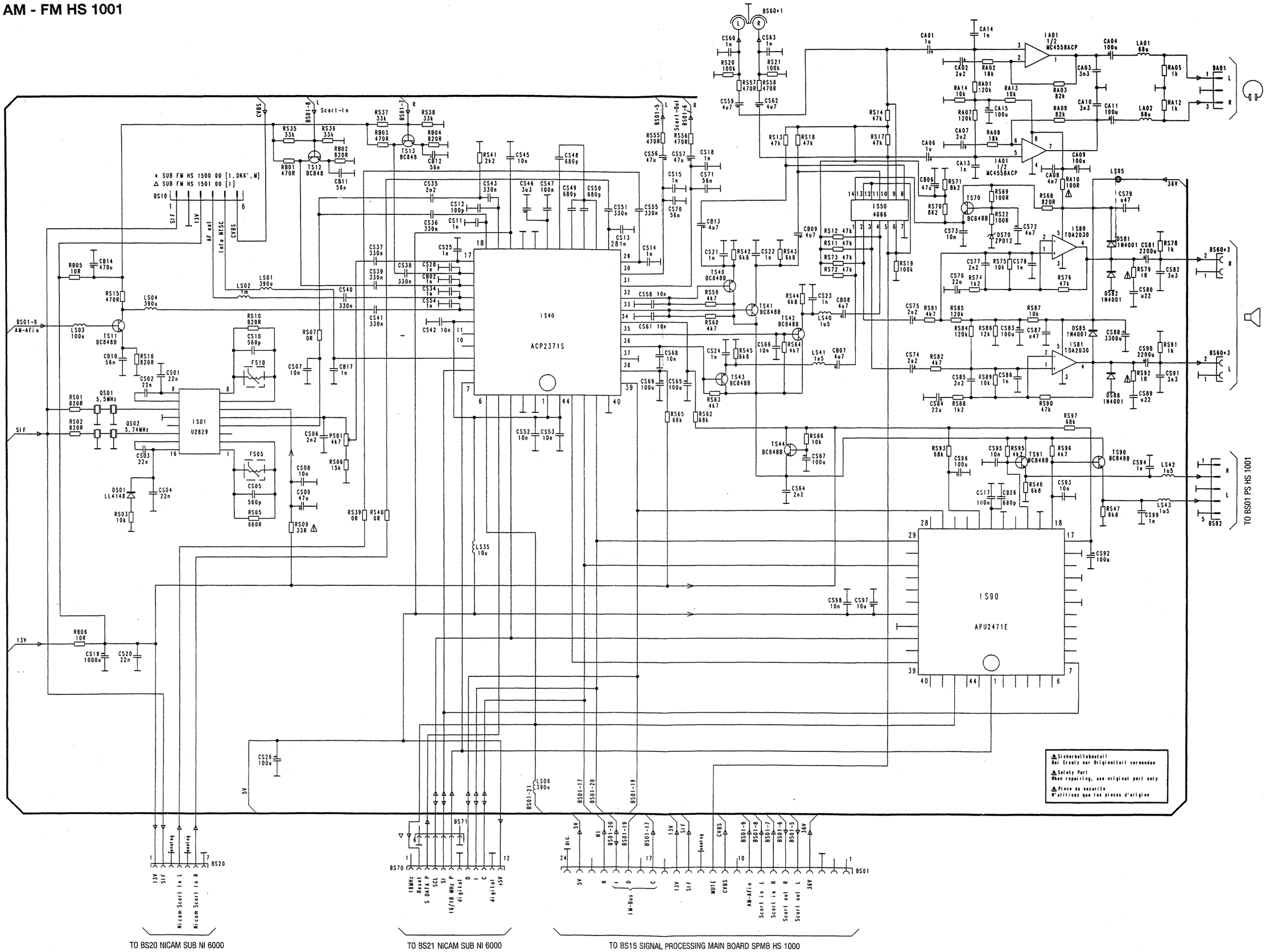
IDU SAT 5801


BH01
L
BH02
R
TH07 BC858
TH04 BF772
TH35 BF772
TH46 BC858
TH48 BC858
TH64 BF772
TH80 BC847
TH88 BF772
TI03 BF772
TI14 BF772
TI11 BC847
TI35 BF772
TI23 33p BF772
TI44 BF772
TI51 BF772
TI57 BC847
TI64 BC847
DI08 HVM14S
DI17 BB811
DI18 BB811
DI24 BA582
DH23 BA582
DH11 BA582
DH37 BA582
DH71 BB811
DH72 BB811
DI57 1S599
IH80 SDA6102
IT54 SL1452
QH79 4,43MHz
LH72
LH85
LH09
CX01 22p
CX02 22p
CX03 22p
CX04 22p
CX09 22p
CX10 22p
CX11 22p
CX12 22p
+LNC rechts
+LNC links
+15V
BASEBAND
+10V
+5V
DATA
CLOCK
TO SIGNAL PROCESSING MAIN BOARD SPMP

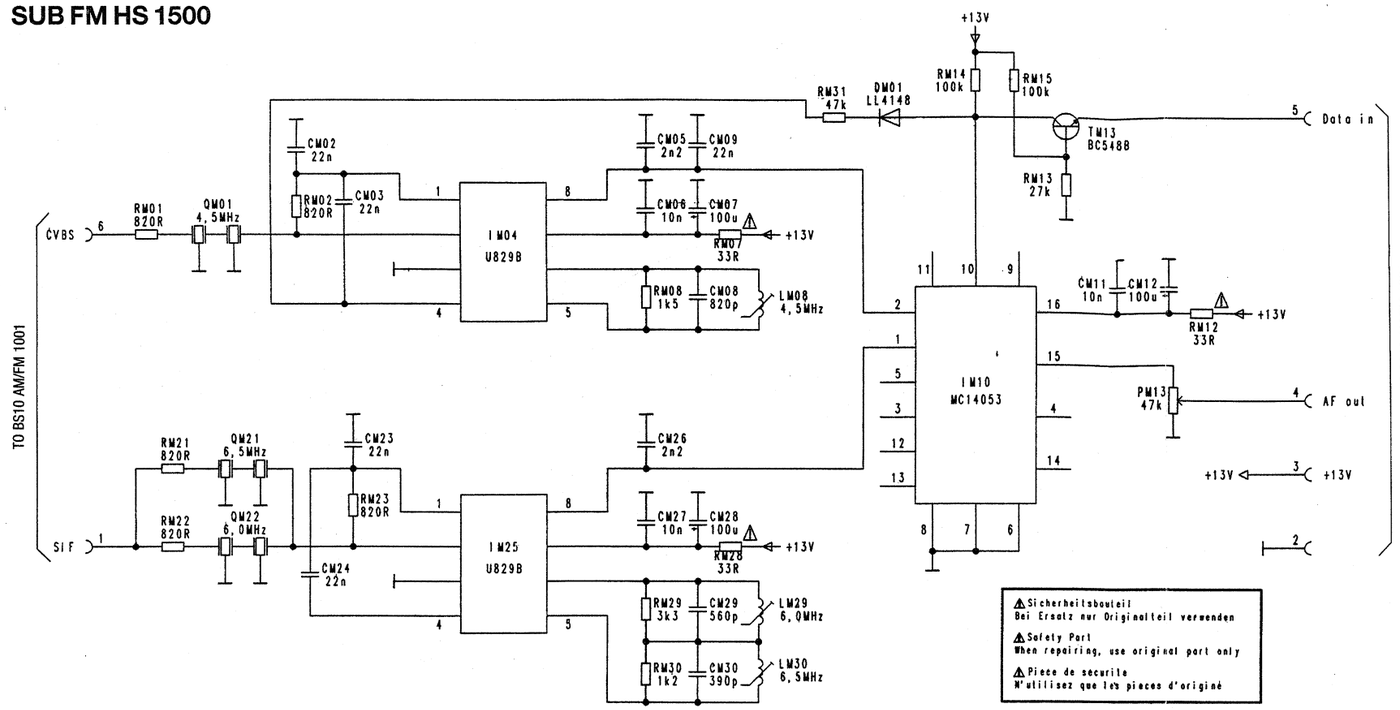


TO SIGNAL PROCESSING MAIN BOARD SPMP HS 1000

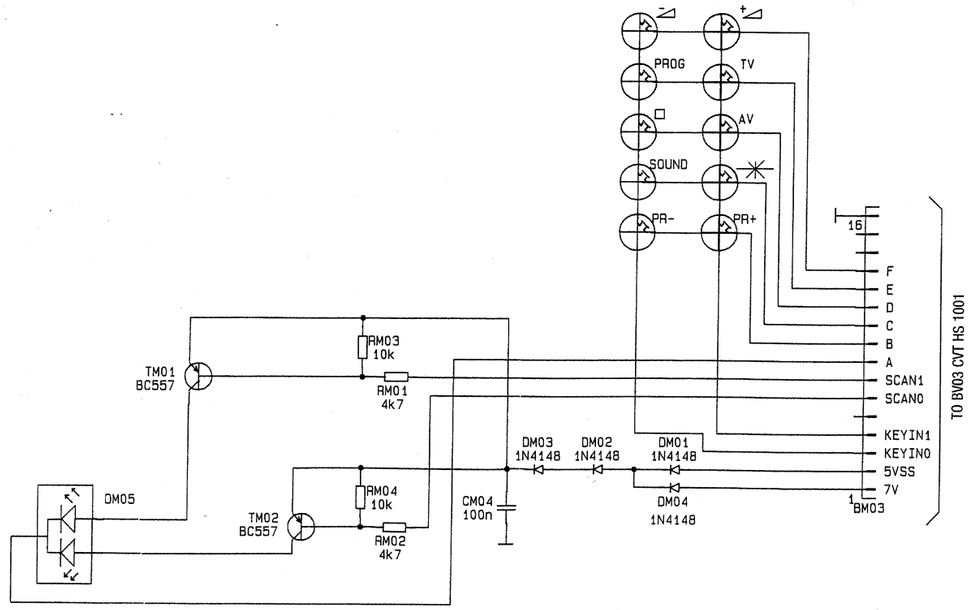
AM - FM HS 1001


* SUB FM HS 1500 00 [I,DKK*,M]
△ SUB FM HS 1501 00 [I]
BS10
SIF
13V
AF out
Info NTSC
CVBS
Scart-In
Scart-Out
IS40
ACP2371S
IS01
U2829
IS50
4066
IS80
TDA2030
IS81
TDA2030
IA01
1/2 MC4558ACP
IS90
APU2471E
TS70 BC848B
TS40 BC848B
TS41 BC848B
TS42 BC848B
TS43 BC848B
TS44 BC848B
TS90 BC848B
TS91 BC848B
TS11 BC848B
TS12 BC848
TS13 BC848
DS70 ZPD12
DS81 1N4001
DS82 1N4001
DS85 1N4001
DS88 1N4001
DS01 LL4148
BS01-9 AM-AFin
SIF
13V
BS20
BS70
BS71
BS01
BS60*1
BS60*2
BS60*3
BS82
LS95
36V
5V
TO BS01 PS HS 1001
TO BS20 NICAM SUB NI 6000
TO BS21 NICAM SUB NI 6000
TO BS15 SIGNAL PROCESSING MAIN BOARD SPMB HS 1000
⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
⚠ Safety Part
When repairing, use original part only
⚠ Piece de securite
N'utilisez que les pieces d'origine

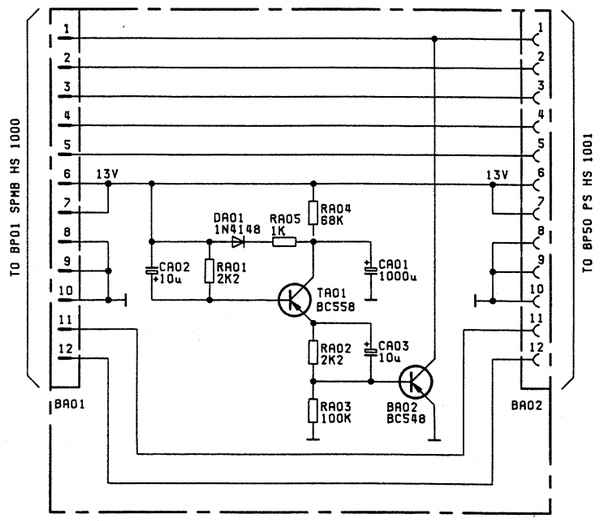
SUB FM HS 1500



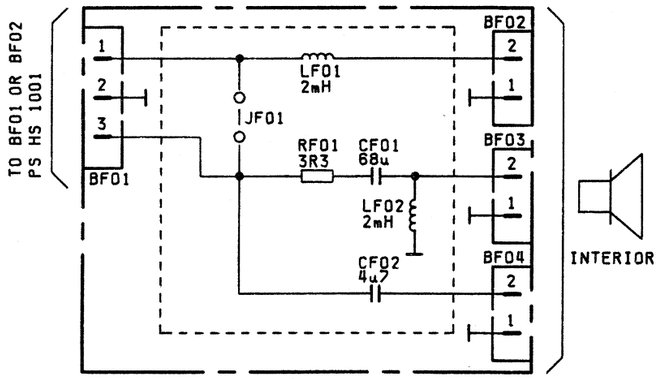
KB HS 1002



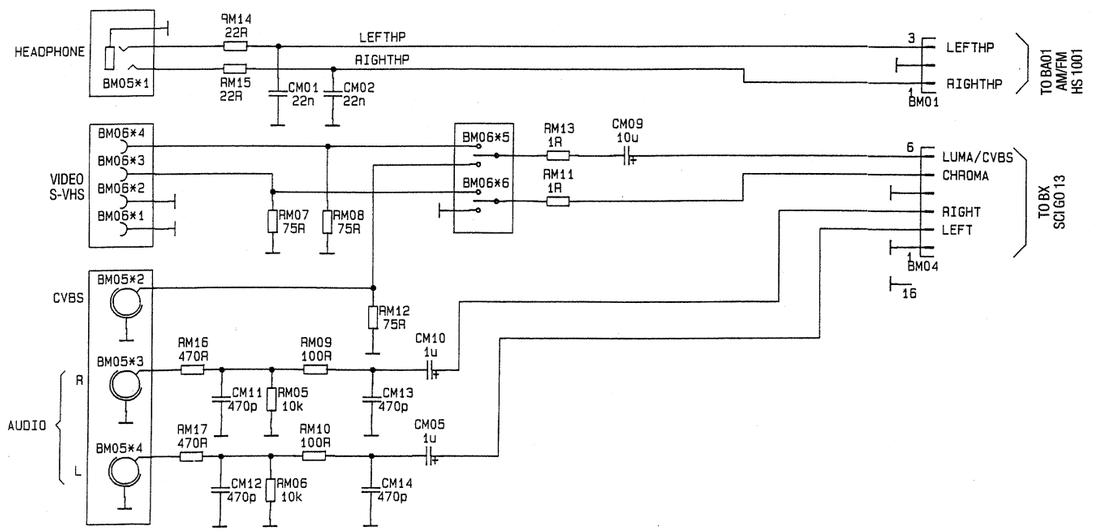
SUB MUTE HS 1000



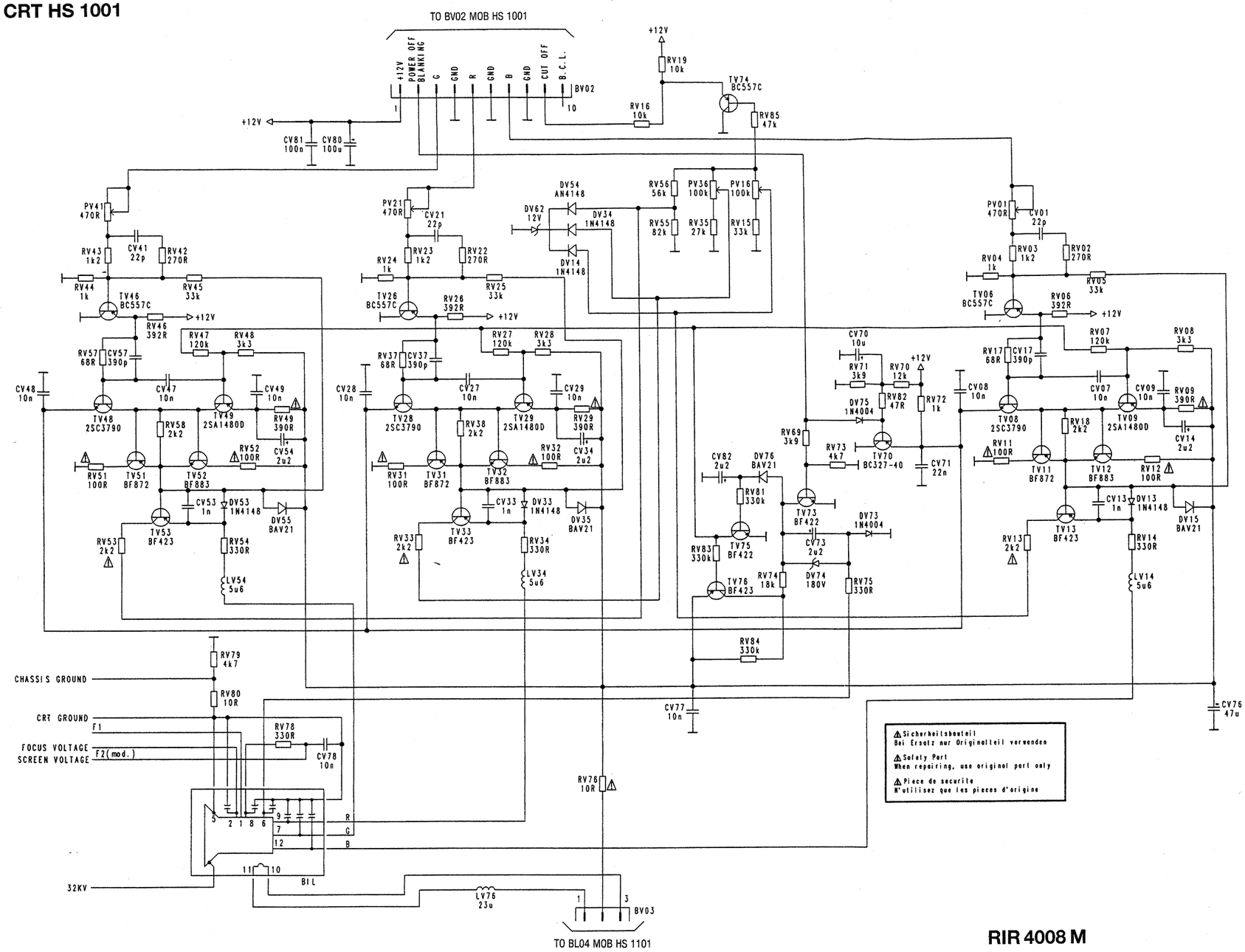
LDN HS 1000



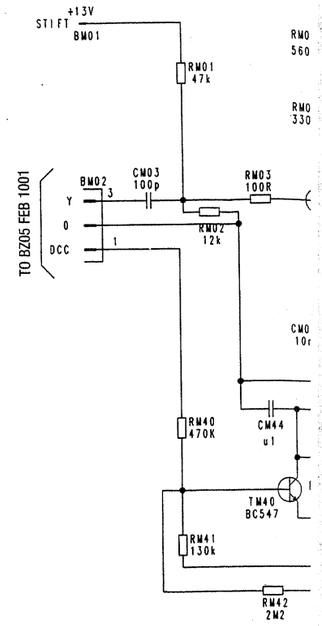
FCB HS 1000



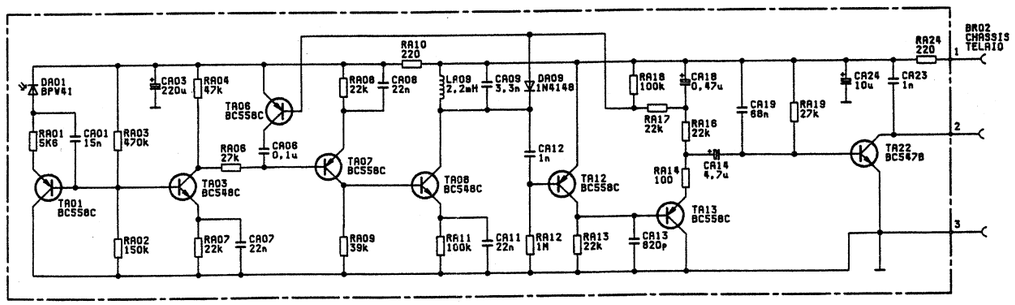
CRT HS 1001

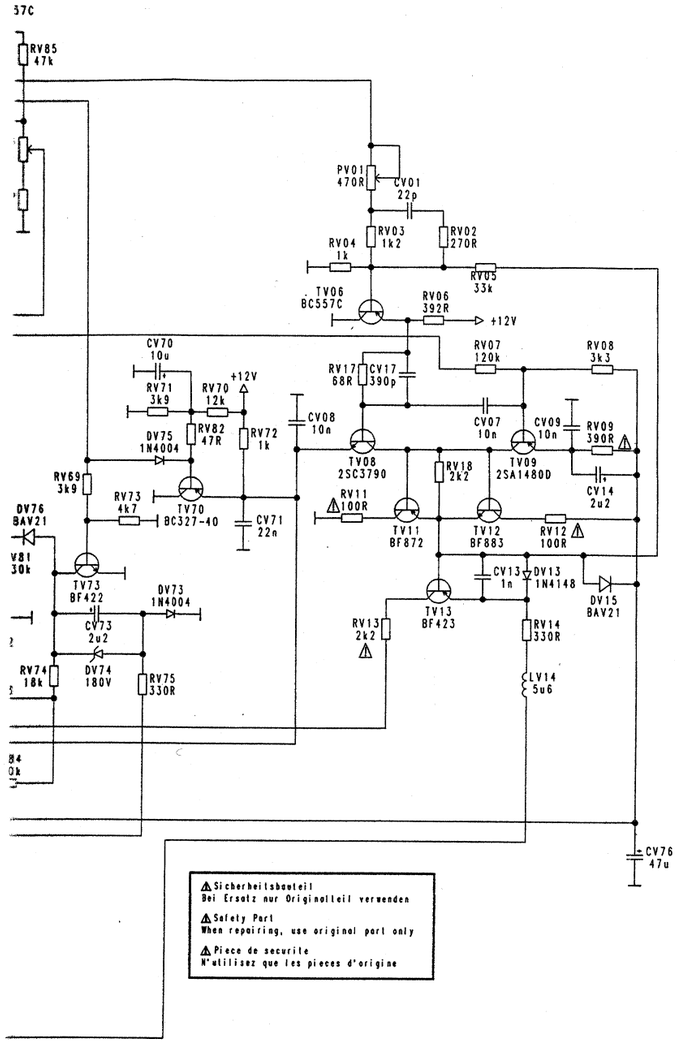


BSVM HS 1000

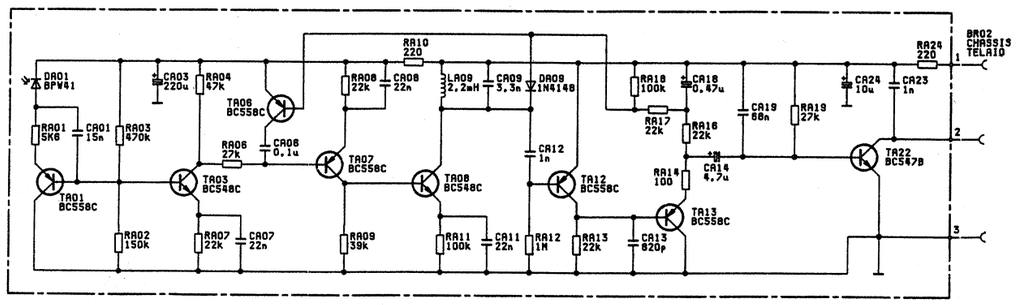


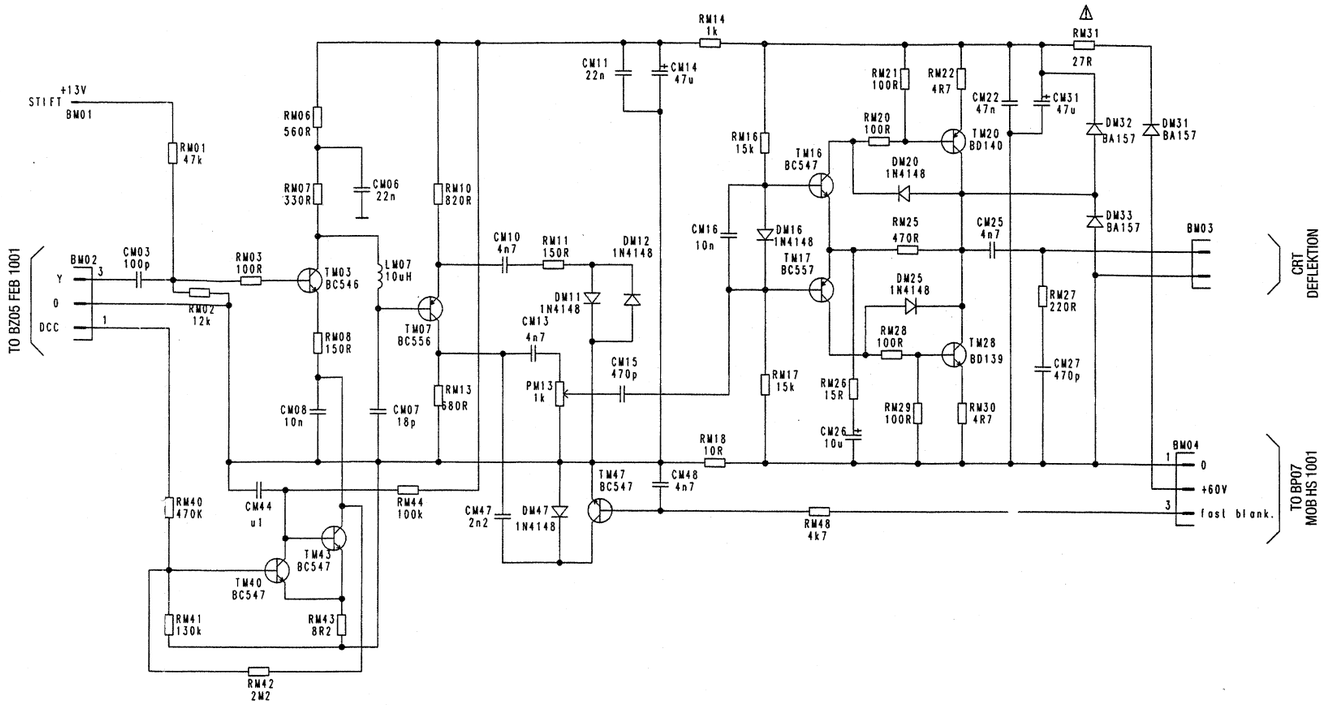
RIR 4008 M



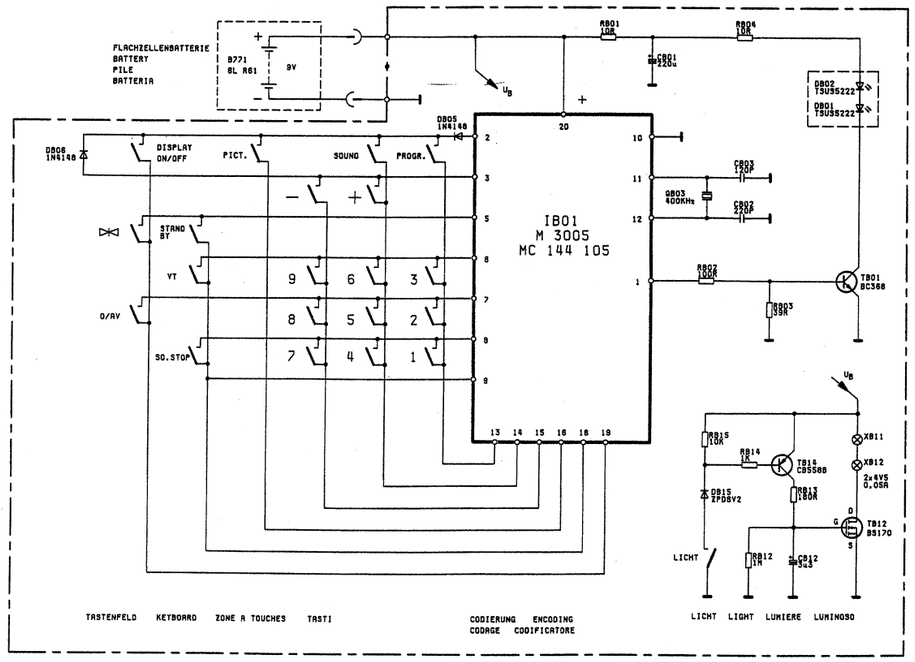


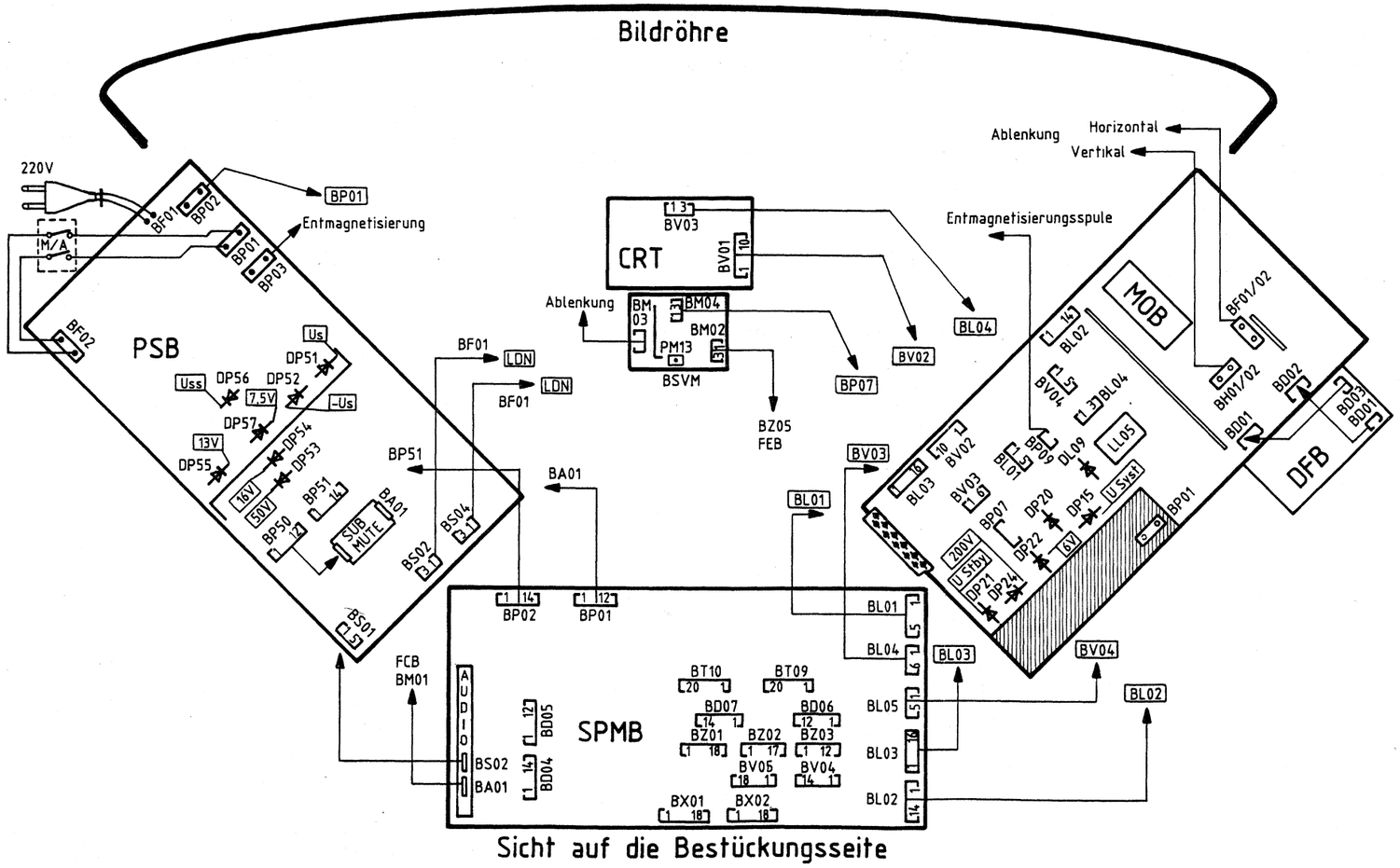
RIR 4008 M



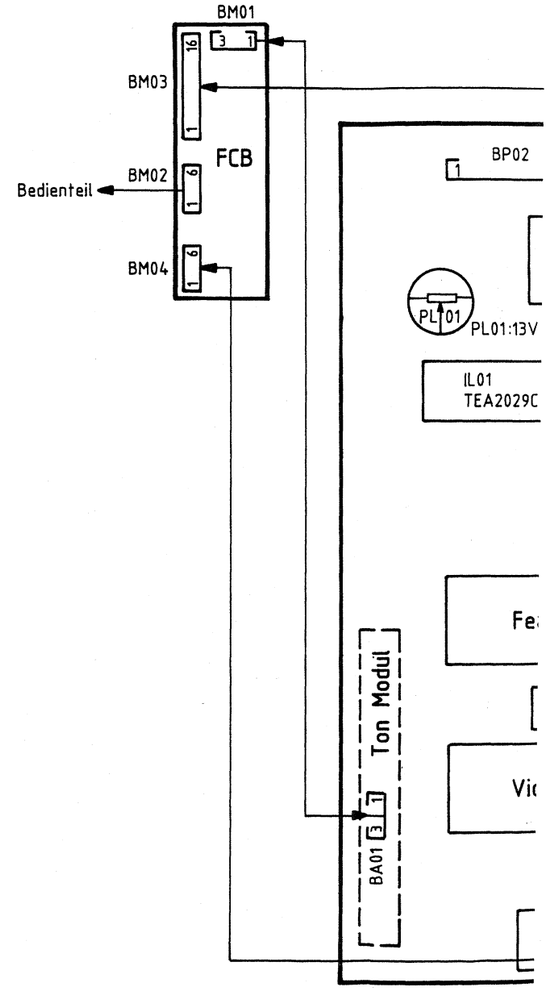


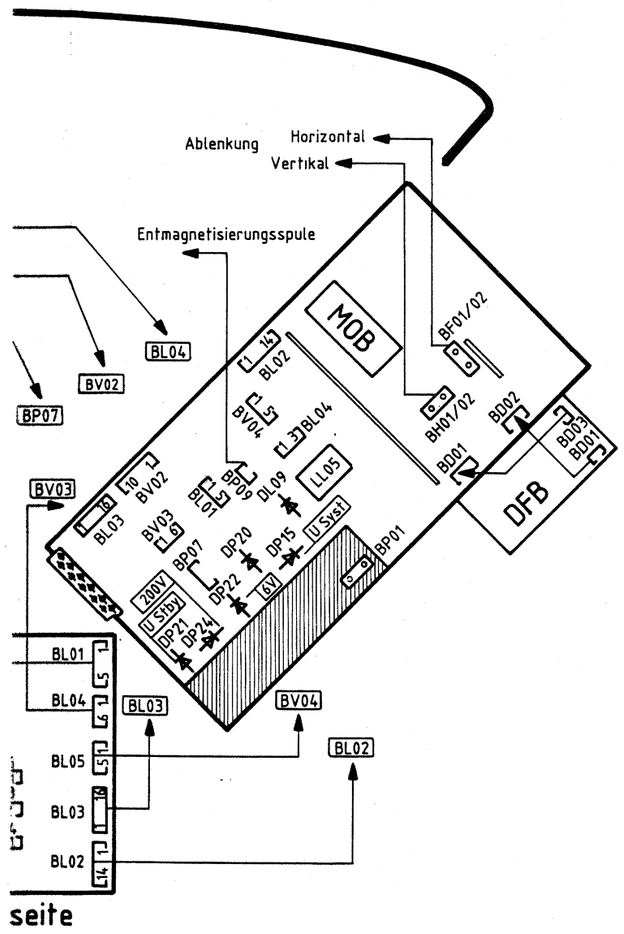
FB 330



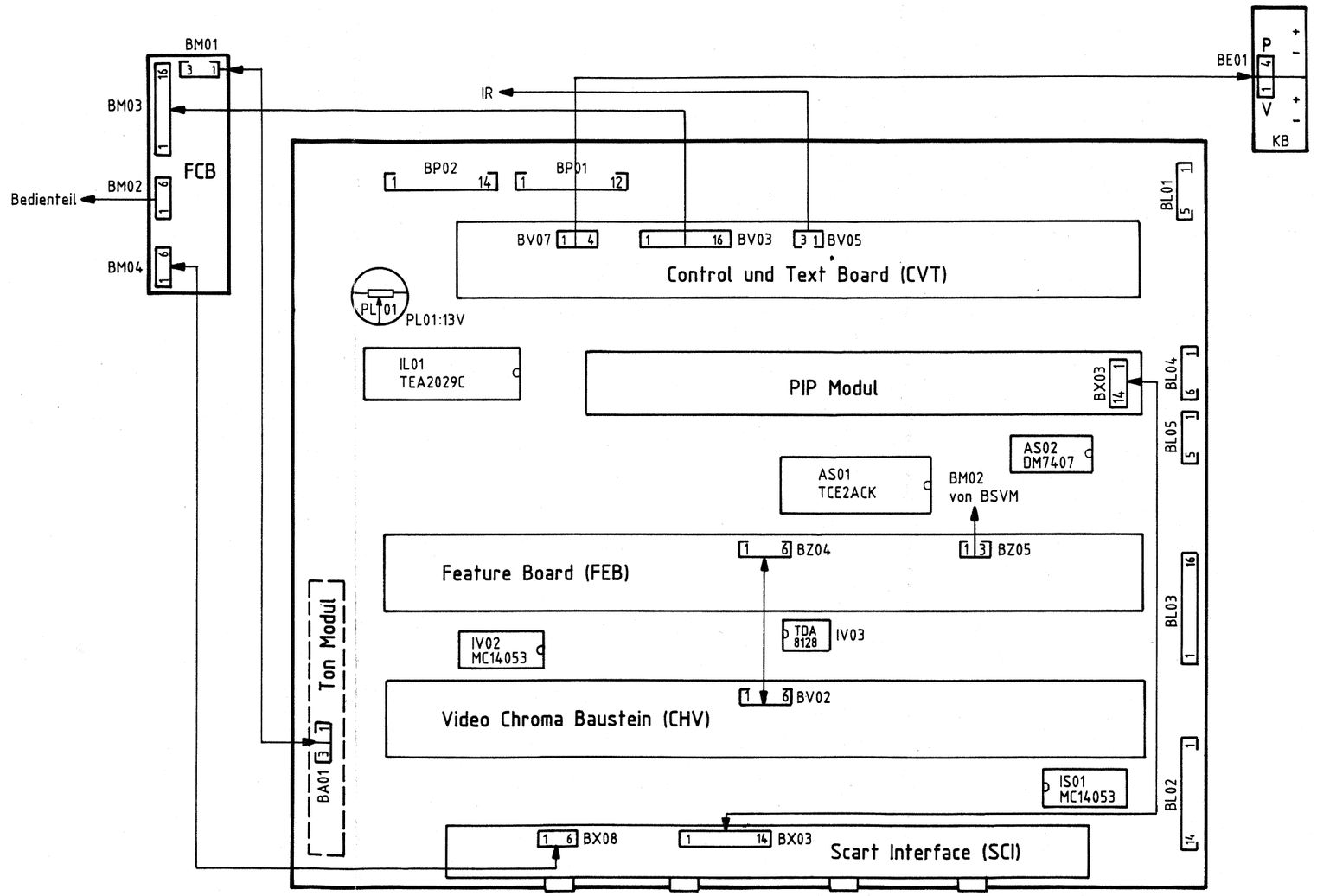


Sicht auf die Bestückungsseite




Ablenkung
Horizontal
Vertikal
Entmagnetisierungsspule
MOB
DFB
BL04
BV02
BP07
BV03
BL02
BV04
BL01
BL05
BL03
BF01/02
BH01/02
BD02
BD01
BD03
BD04
BV01
BV04
BL10
BV02
BL03
BV03
BP07
BL09
DL09
LL05
DP20
DP15
U Strst
BP01
200V
U Stby
DP21
DP24
DP22
16V

seite


BM01
BM03
BM02
BM04
FCB
Bedienteil
IR
BE01
P
V
KB
BP02
BP01
BL01
BV07
BV03
BV05
Control und Text Board (CVT)
PL01
PL01:13V
IL01
TEA2029C
PIP Modul
BX03
BL04
BL05
AS02
DM7407
AS01
TCE2ACK
BM02
von BSVM
BL03
Feature Board (FEB)
BZ04
BZ05
TDA
8128
IV03
IV02
MC14053
Video Chroma Baustein (CHV)
BV02
BA01
Ton Modul
IS01
MC14053
BL02
BX08
BX03
Scart Interface (SCI)